



CORPORATION OF GLASGOW

Health and Welfare Department

---

SCHOOL HEALTH SERVICE

REPORT

ON THE

**Medical Inspection and Treatment  
of School Children**

FOR THE YEAR ENDED 31st JULY, 1961

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*Ordered by the Committee on Health and Welfare to be printed*





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## GENERAL INTRODUCTION

This Report is the fifty-second since the establishment of medical inspection in Glasgow in the year 1909, the thirty-first since the transfer to the Health Department of the Corporation in 1930 and the twenty-third since the form of report was re-cast following the introduction throughout the country of a uniform method of recording at the request of the Department of Health for Scotland.

Once again the staff of School Medical Officers was little changed throughout the year but shortages continued to prevail amongst most other groups.

A greater proportion of the time of the medical officers was devoted to the various polio campaigns. In this connection, a special campaign in schools was undertaken in May and June, 1961, for the purpose of protecting children aged 5 and 6 years and to give re-inforcing doses to all children of primary school age. During these two months over 13,000 injections were administered.

More time was also given over to the examination of adult employees and candidates for employment as a result of the scheme being extended to other groups and to apprentices and students in Further Education Colleges.

In the systematic age-groups more children were examined due to increased numbers in the 13 year-old group. This increase reflected the higher birthrate of the early post-war period as noted in last year's Report.

The results of routine medical inspection were gratifying, the percentage (53·4) with no discoverable defect being the highest ever recorded in these Reports. Average heights and weights also showed some rise at all ages.

Cleanliness of school children seen at routine medical inspection by School Medical Officers was again much improved, the percentage being the best ever recorded. Cleanliness Inspectresses, however, reported less favourably although more time was spent on this work throughout the year. The scheme of cleanliness supervision in selected schools was moderately successful.

A greater proportion of children was found to be protected against diphtheria but it hardly justified complacency, particularly in respect

of the infants whose percentage was still well below the average for all ages. The proportion adequately protected against smallpox was even less satisfactory.

On the treatment side, more new cases (particularly of defective vision and of ear disease) were seen, due to the provision of additional specialist staff.

A new zoning scheme for ear, nose and throat cases was inaugurated, in which Consultants from a hospital in each zone of the city attended a school clinic in the area weekly. The scheme was only partially successful, however, as sufficient hospital accommodation did not become available during the Session to cope adequately with the large and ever-growing waiting list of tonsil/adenoid operation cases. It was hoped that this difficulty would be overcome and, at the time of writing, there were hopeful indications.

New cases of "general" diseases were more numerous than in any year since 1948, but this was traceable to an increase in the number of "single visit" cases—that is, cases attending and being disposed of after one visit to the clinic. Other increases were children suffering from speech defects and orthopaedic conditions. An increase was also recorded in the numbers treated for defective vision: the total was the greatest since 1957 and was due to additional staff as already noted above; in consequence, more spectacles were supplied.

Dental inspections were reduced and treatments were fewer as the result of staffing difficulties. Dental health education occupied more time this year. A new form of statistical return was compiled for the latter half of the Session in addition to the usual details for the complete year.

The diphtheria immunisation "drive" in schools was again successful, although fewer inoculations than last year were given.

The B.C.G. vaccination and X-raying of 13 year-old pupils was continued as also was the X-raying of teachers under the Teachers' Sick Pay Scheme and other adult employees.

The audiometric survey scheme functioned very successfully during the year, one major change being the lowering of the age of the survey children to seven years. More children were seen than in the previous year.



Health Visitors gave a number of lectures on health education and on child care. They also co-operated with Child Guidance Clinics in home visiting and family case-work which resulted in improved attendances of parents at the Child Guidance Clinics.

A holiday was again provided during the summer at Seafield Residential School, Ardrossan, for otorrhoea and epilepsy cases.

Fewer deaths among school children were recorded. Of the causes, circulatory diseases were less numerous but congenital malformations were increased. For the eighth successive year, no deaths from diphtheria were recorded.

All the usual details in connection with the other schemes for which the Service is responsible are included in this Report, but in summarised fashion, as full information is only provided quinquennially and was last given in the 1959 Report.

Finally, it is a pleasure to acknowledge the support and interest of the Convener and members of the Education Committee in the welfare of the school children, to thank the Director of Education and the staff of the various departments for their help in the preparation of this Report, the teachers for their ready co-operation and the staff of the School Health Service for their continued loyalty and co-operation. I would also express my sincere thanks to Mr. James A. Stewart, Assistant Administrative Officer, for his work in collecting and arranging the material for this Report.

JAMES EWAN, M.D., D.P.H., D.P.A.,  
*Principal Medical Officer.*

155 BATH STREET,  
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30th April, 1962.



## 1.—LIST OF STAFF

### (a) Whole Time Staff

1 Principal Medical Officer ; 1 Assistant Principal Medical Officer (for Child Guidance Work) <sup>(1)</sup> ; 20 School Medical Officers <sup>(2)</sup> ; 1 Chief Dental Officer ; 16 School Dental Officers <sup>(3)</sup> ; 1 Superintendent School Nurse ; 75 Nurses (comprising 43 School Nurses and 32 other Nurses, 7 of whom were employed as Cleanliness Inspectresses) <sup>(4)</sup> ; 7 Speech Therapists <sup>(5)</sup> ; Occupational Therapist (post vacant) ; 9 Physiotherapists (including 5 Physical Training Teachers seconded to Orthopaedic Clinics <sup>(6)</sup> ; 2 Audiometricians <sup>(7)</sup> ; 5 Dental Technicians ; 1 Dispensing Optician (seconded by the Western Regional Hospital Board) ; 1 Assistant Administrative Officer ; 33 Clerks <sup>(8)</sup> ; 19 Dental Attendants.

<sup>(1)</sup> *Dr. Catriona Sinclair retired 26.7.61.*

<sup>(2)</sup> *Dr. Hope Scott resigned 3.9.60 and Dr. Stephen Lepper was appointed 14.11.60.*

<sup>(3)</sup> *Mr. Kenneth Gordon was appointed 19.9.60. Miss Jennifer Forbes was appointed 3.10.60 and left 15.4.61. Mrs. Marguerite Ford resigned 31.1.61, Miss Jean T. Smith retired 31.3.61 and Mr. Hugh Breslin was appointed 22.5.61.*

<sup>(4)</sup> *9 Nurses were appointed and 8 left.*

<sup>(5)</sup> *2 Speech Therapists were appointed and 4 left.*

<sup>(6)</sup> *2 Physiotherapists were appointed and 5 left.*

<sup>(7)</sup> *1 Audiometrician was appointed and 2 left.*

<sup>(8)</sup> *8 Clerks were appointed and 9 left.*

### (b) Part-Time Staff

1 School Medical Officer ; 2 Dental Officers (including one employed on Ante-Natal Work only) ; 19 Consultants <sup>(1)</sup>.

<sup>(1)</sup> *All are seconded to School Health Service work by arrangement with the Western Regional Hospital Board (9 Oculists, 6 Aurists, 1 Cardiologist, 1 Dermatologist, 1 Anaesthetist, 1 Orthopaedic Surgeon).*

Local doctors and dentists undertook emergency duties at the residential schools and at Mossbank and Balrossie Approved Schools in accordance with separate arrangements made with the local Executive Councils.

## 2.—GENERAL STATISTICS

Area of City in acres	...	...	...	...	39,729
Population of the area	...	...	...	...	1,054,913
Density of Population per acre			...	...	27
Number of Schools—					
(a) Primary	...	...	...	...	202
(b) Secondary		...	...	...	80
(c) Schools for Handicapped Children					24
(d) Approved Schools		...	...		2
(e) Residential Schools		...	...		14
(f) Nursery Schools		...	...		41
(g) Hospital Schools		...	...		7
(h) Agricultural Schools		...	...		1
(i) Gardening Schools		...	...		1
<hr/>					
Total Schools Under					
Education Authority			...		372
(j) Schools in receipt of grant and					
under medical inspection				...	9
<hr/>					381

There were also 11 Occupational Centres housed in ordinary schools.

The average number of children on the register of all schools was 178,599 and the average number in attendance during the year was 158,698 (88·8 per cent).

## 3.—SANITARY CONDITION OF SCHOOLS

See Report for 1959, page 12.

During the Session, 132 visits were paid to 120 schools for the purpose of general inspection. In the same period, 63 visits were made to 62 kitchens and dining halls where meals for school children were prepared and served.

#### 4.—ORGANISATION AND ADMINISTRATION

##### A. SYSTEM AND EXTENT OF MEDICAL INSPECTION AND TREATMENT

See Report for 1959, page 12.

##### INSPECTION

Routine Medical Inspection in ordinary schools was given to Entrants-Infants and those born in 1947, 1951 and 1944; nurses tested, for vision and hearing only, those born in 1953. In addition Routine Medical Inspection was carried out in schools and classes for handicapped children.

Other arrangements were broadly similar to those which obtained in the previous year.

##### TREATMENT

A list of the school clinics and services given were as follows :—

CLINIC	Skin, Eye, Ear and other minor diseases	Refraction	Dental	X-Ray (Skin Treatment)	Ultra-violet Ray	Orthopaedic	Scabies Baths
80/90 Kinfauns Drive, W.5	1	1	1	—	—	1	—
18 Plean Street, W.4	1	—	1	—	—	—	—
4 Sandy Road, W.1	1	1	1	—	—	—	—
130 William Street, C.3	1	1	1	1	—	—	—
91 Denmark Street, N.2	1	1	2	—	—	—	—
Hyde Park School, N.1	1	1	1	—	—	—	—
15 Glenbarr Street, N.1	1	1	4	—	1	1	1
60 Avenuepark Street, N.W.	1	1	1	—	—	1	—
Burnbank School, N.W.	1	—	—	—	—	—	—
Dobbie's Loan School, C.4	1	—	—	—	—	—	—
5 Craiglockhart Street, E.3	1	—	—	—	—	—	—
74 Wellhouse Crescent, E.3	1	1	—	—	—	—	—
155 Crail Street, E.1	1	1	2	—	—	—	—
23 Acorn Street, S.E.	1	1	—	—	—	—	—
10 Redan Street, S.E.	—	—	1	—	—	—	—
22 Annprior Quadrant, S.5	1	1	—	—	—	—	—
20 Harriet Street, S.3	1	1	1	—	—	1	—
Calder Street School, S.2	—	—	1	—	—	—	—
26 Florence Street, C.5	1	1	2	—	1	1	1
Netherplace Road, S.W.3	1	1	1	—	—	—	—
74 Berryknowes Road, S.W.2	1	—	—	—	—	—	—
Fairfield School, S.W.1	—	—	1	—	—	—	—
Broomloan Road School, S.W.1	1	—	—	—	—	—	—
29 Govan Road, S.W.1	1	1	1	—	—	—	—

*Dobbie's Loan and Plean Street Clinics functioned part-time from beginning of Session.*

*Several Dental Clinics functioned part-time for varying periods during the Session.*

*With the introduction of a five-day week most clinics were closed on Saturdays from the end of March onwards.*

Other treatment facilities provided were as before.

## B. SYSTEM AND EXTENT OF DENTAL INSPECTION AND TREATMENT

See Report for 1959, page 16.

The scheme was mainly unchanged except for temporary modifications due to staffing conditions. Additional statistical information for the second half of the year was compiled at the request of the Department of Health for Scotland.

The Chief Dental Officer's report on the year's work appears on page 29 and the detailed statistics in Table V, page 63, and in Appendix Va, page 67.

## C. SCHOOL NURSING AND ARRANGEMENTS FOR FOLLOWING UP

See Report for 1959, page 17.

During the Session, Health Visitors, as a pilot experiment, lectured on health education to the older boys and girls in 4 schools. In addition, Health Visitors gave lectures on child care in connection with the Duke of Edinburgh Award scheme, 24 classes being held. Some assistance was also given to the Child Guidance Service by home visitation and case work.

## D. CO-ORDINATION WITH THE PUBLIC HEALTH SERVICE AND WITH OTHER DEPARTMENTS OF THE AUTHORITY WHICH RENDER SERVICES TO CHILDREN

See Report for 1959, page 18.

Details of the annual *B.C.G. vaccination* campaign are given in Appendix VIII, page 77 and particulars of the *diphtheria immunisation* "drive" in schools are shown in Appendix X, page 81. In the several *poliomyelitis vaccination* campaigns during the year, School Medical Officers gave a total of 21,758 injections. This total included the injections given in schools in the course of a special campaign (May and June, 1961) to protect children aged 5 and 6 years and to give reinforcing doses (third and fourth injections) to children of primary school age. During these two months, in the schools alone, 4,587 first and 4,074 second injections were given, whilst third and fourth injections were respectively 2,818 and 1,839—total 13,318.

During six weeks in July-August, 1961, arrangements were made for children suffering from otorrhoea and epilepsy to spend a holiday in Seafeld Residential School, Ardrossan, and staff in attendance included medical and nursing personnel from the School Health Service. The numbers accommodated were : from 3rd to 15th July, 48 otorrhoea cases ; from 18th to 29th July, 15 otorrhoeas and 32 epileptics and from 31st July to 12th August, 47 with otorrhoea. Escorts numbered 10, 12 and 11 during the respective periods.

In connection with the medical examination of employees and candidates for posts in *School Meals Kitchens*, 1,210 persons were summoned. Of the 1,110 who attended the results were as follows :—

*New Staff*.—406 were examined, of whom 65 were considered unfit, but 2 of these were later accepted for employment.

*Old Staff*.—704 were examined, 18 of whom were considered unfit, but 2 of these later returned to duty.

From January, 1961, all candidates for posts as dining-room attendants, school van and welfare attendants were required to pass a medical examination, including X-ray, before being appointed. In addition, employees who had been on the staff since May, 1960 had also to be examined. The results were as shown below.

*Dining-room attendants*.—Of 244 candidates examined, 46 were considered unfit but 4 of these were later accepted for employment. Of the 246 old staff examined, 21 were considered unfit but 2 later returned to duty.

*Van and welfare attendants*.—New staff to the number of 19 were examined, 3 being rejected as unfit ; 6 old staff were also examined, 2 being found unfit.

*Night watchmen* in the school meals service.—13 found to be fit after medical examination and X-ray.

Other examinations during the year, included the medical examination of 625 students on pre-vocational courses and the X-raying of 72 apprentices from Stow College of Printing, 547 students and 6 teachers from the School of Hairdressing and 6 applicants for posts in nursery school kitchens.

E. CO-OPERATION WITH OTHER OUTSIDE AGENCIES

See Report for 1959, page 24

By arrangement with *Glasgow University*, 12 D.P.H. students visited a number of schools and school clinics.

*Infectious disease hospitals* referred 109 children who were post-pneumonia cases to the School Health Service clinics for examination and after-care. Of the number reported, 28 failed to appear or intimated that they were receiving private treatment, 8 were found to be requiring no further attention, 19 were dealt with at "general" school clinics and 6 were recommended for convalescent holidays. The remaining 48 were placed on the list for artificial light therapy.

School clinics referred to hospital 497 cases (331 boys and 166 girls), the ailments from which they suffered being as follows :—

<i>Skin—</i>	<i>Boys</i>	<i>Girls</i>
Wounds, etc. (minor injuries) ...	182	96
Fractures ... ..	25	10
Other skin conditions ... ..	51	27
<i>General</i> ... ..	28	13
<i>Eye</i> ... ..	38	15
<i>Ear, Nose and Throat</i> ... ..	7	5
	<hr/> 331	<hr/> 166

During the year 251 children were summoned to school clinics for preliminary medical examination and of the 170 who attended, 149 were considered suitable for admission to *Biggart Hospital Home, Prestwick*.

No request was received from the University Settlement for examination of children for the *Children's Village, Humbic*, during the year.

F. CO-OPERATION WITH TEACHERS AND PARENTS

See Report for 1959, page 118.

The willing co-operation of the teaching staffs was again made available throughout the year and proved invaluable in facilitating the operation of the various schemes relating to the health and well-being of the pupils.



## 5.—THE FINDINGS OF MEDICAL INSPECTION

### GENERAL REVIEW

(Detailed statistics on pages 36-62)

The average number of pupils on the register of all schools during 1961 was 178,599 compared with 179,616 in 1960 and 179,249 in 1959.

Table I (pages 36 and 37) gives the total number of school children examined in the stated age-groups during the course of the year ended 31st July, 1961 ; relative statistics are also given for each of the two immediately preceding years. In "ordinary" schools, 54,200 pupils were systematically examined, the total being the highest for many years. The number seen at special schools was the greatest since 1958.

Other examinations *in schools* were fewer, "abnormals" and "non-routines" being mainly responsible. Examinations *mainly at clinics* were much increased, the total being the highest for some years. The rise was due mainly to increased numbers submitted in connection with residential schools, educational excursions and the Remand Home. More adult employees also were seen. Cleanliness inspections by nurses were the most numerous since 1954.

Appendix Ia, page 38, gives the numbers and percentages of children notified to parents as in need of treatment for certain conditions observed at routine examination. Notifications were fewer in number. Appendix IIa, page 49, provides more details concerning notifications to parents.

Appendix Ib, page 40, shows the age distribution of children seen at the date of systematic examination. Only the third and fourth age-groups had increased numbers and these mainly involved pupils aged 13, 14 and 16 years at the time of examination.

In Table II, pages 42 to 48, the results of systematic examination of children in "ordinary" schools during the year are arranged to show the numbers and percentages of the children in selected age-groups who were found to be suffering from one or more of the listed defects. Totals for the years 1960 and 1959 are supplied for comparison.



The following are some brief notes on the tabulated information.

*Unsatisfactory clothing* remained at the same low percentage (0.1), equalling the previous best.

*Unsatisfactory footwear* (0.1 per cent.) was more frequently found among boys, but the overall percentage was small.

*Uncleanliness* (6.2 per cent.) showed a considerable improvement, the percentage being the lowest in these Reports since 1939.

*Skin disease* (3.5 per cent.) equalled the 1960 figure which, however, compared unfavourable with those in most other years.

*Defective nutrition* (1.9 per cent.) improved to the best ever recorded percentage for this condition.

*Mouth and teeth unhealthy* (oral sepsis) at 1.4 per cent. showed a slight rise but, with the exception of the 1960 figure, equalled the previous best.

*Naso-pharyngeal defects* (8.4 per cent.) were slightly more numerous than in 1960, catarrh being mainly responsible.

*External eye diseases* (4.0 per cent.) equalled the previous best since 1949, strabismus cases continuing to fall.

*Defective vision* (10.7 per cent.) was again much improved, the percentage being the lowest ever recorded.

*Ear conditions* (1.1 per cent.) were similarly down, the percentage being the lowest ever recorded.

*Speech defects* (0.7 per cent.) were fewer than in any previous year since 1955 due to reduction in the number of defective articulation cases.

*Mental and nervous conditions* (0.5 per cent.) were slightly more numerous than for some years.

*Diseases of the circulatory system* (1.2 per cent.) showed no change compared with previous years.

*Lung diseases* (2.9 per cent.) were similarly unchanged.

*Deformities* (2.2 per cent.) were increased compared with 1960—congenital defects being mainly responsible.

*Infectious diseases* and *diabetes* again returned negligible percentages.

*Asthma* (0.4 per cent.) was reduced compared with 1959 and *other diseases or defects* (4.2 per cent.) were increased.

Appendix IIa, page 49, gives additional information extracted from the returns of routine medical inspection. The *attendance of parents* at the examination of their children continued to show a deterioration.

*Notifications to parents* regarding the various defects found at inspection were fewer on the whole. More children were *noted for re-inspection* of clothing and *exclusions from attendance at school* were fewer. The percentage (53·4) of children with *no recorded defect* was the best ever given in these Reports. *Sound teeth* was reported on fewer occasions but an improvement was noted in connection with the *visual acuity* of children not owning glasses. *Diphtheria immunisation* (86·1 per cent.) again showed a welcome improvement but *vaccination against smallpox* (58·3 per cent.) showed some decline—in both instances the proportion of infants protected being particularly unsatisfactory.

Appendix IIb, page 51, details the results of the partial examination of children born in 1953 and also gives the totals of the two previous years for comparison. Only visual acuity was tested, the test for hearing being undertaken by audiometricians in the course of the audiometric survey. The percentage found to have good vision was higher than in 1960.

Appendix IIc, page 52, gives particulars of the average heights and weights of children measured at routine medical inspection in 1961 and for each of the years back to 1952. The results were gratifying, all round increases being noted; in particular, the weights were the highest ever recorded for each age-group.

Table III, page 56, classifies the results of systematic medical inspection according to the remediability of the major defects observed in the children. The percentage (67·4) of children free from defects (other than clothing, cleanliness and minor dental defects) was the best recorded in any year since the introduction of this particular Table in 1939. As mentioned in connection with Appendix IIa, the percentage of children with no defect whatsoever was also the highest ever recorded.

Appendices IIIa and IIIb give particulars of certain “other examinations” listed in Table I. Appendix IIIc details the results of cleanliness inspection by nurses who reported fewer verminous cases but the minor condition showed little or no improvement. Appendix IIId summarises the findings of the year’s work in the “hygiene units” which were quite satisfactory.

The returns of medical inspection in nursery schools are summarised in Appendix VII, page 75, and Appendix VIII, page 77, describes the measures adopted for the prevention of tuberculosis among school children. Appendix IX, page 81, gives a brief note on the medical supervision of the Remand Home and Appendix XIV, page 92, shows the relationship between the parent’s occupation and the remediability classes of Table III.

## 6.—MEDICAL TREATMENT

### GENERAL REVIEW

(Detailed statistics on pages 18 to 29 and 81 to 90)

See Report for 1959, page 30.

In the aggregate, more new cases were treated but attendances at clinics were on the whole reduced. Brief explanatory notes on each group of defects are given below.

*Cuts, bruises, minor injuries, etc.*, were less numerous than for some years.

Fewer new cases of *ear disease* were examined by School Medical Officers but more were seen by Specialists as the result of the improved staffing position. A greater number were treated but the total attendances at clinic continued to fall, due to improved methods of treatment. Otorrhoea cases were less frequently seen than in any previous year.

More *defective hearing* cases were examined for the purpose of grading as to special education. An overall increase, however, in the total of defective hearing cases dealt with was also recorded, due mainly to the larger numbers of audiometric survey cases seen.

*Eye disease* cases were slightly more numerous than in the previous year, which had, however, supplied the lowest figure for some time past. Blepharitis showed an increase, offset by reductions for conjunctivitis and injuries.

New cases of *skin disease* were slightly fewer, scabies being considerably reduced, and ulcers and abscesses providing the principal exception to the general decline among the conditions included in this group.

*Defective vision* cases were the greatest in number since 1957 as the result of the appointment of additional staff. More spectacles were also supplied, a greater proportion than usual of these being of the more colourful types of frame to the cost of which the parent made a contribution in each instance.

*Tonsil/adenoid operations* were performed slightly more frequently than in the previous year, due to re-organisation, but the anticipated benefits deriving from the new scheme were not realised within the period due to the continued lack of hospital accommodation. The Specialists did more preliminary examinations but the examinations of post-operative cases were considerably reduced. Operations on other ear, nose and throat conditions were slightly increased.

More *orthopaedic* cases were treated in hospital by reason of a new policy of increased turnover. Slightly fewer cases were examined at the clinics but more were treated and attendances were consequently increased.

*General diseases* were again more numerous and in fact were higher than in any previous year since 1948. The total attendances were similarly increased. "Single visit" cases were mainly responsible for the continued upward trend.

*Artificial light treatment* cases were the smallest for some years, anaemia/debility and chronic bronchitis showing the greatest decreases.

At the special *cardiac clinic* more new cases were examined by the Specialist—the highest since 1955.

The numbers of *speech defect* cases dealt with were also increased and were the greatest ever recorded.

The *diphtheria immunisation campaign* in schools was again a success, though the numbers inoculated were less numerous than in the previous year.

(A) MINOR AILMENTS

*Throughout the treatment tables, "Single visit cases" includes those treated and disposed of at first visit, cases not for treatment, and cases without apparent disease.*

(1) CUTS, BRUISES, SPRAINS, MINOR INJURIES, ETC.

Details of new cases—				1961		1960	1959
		Boys	Girls	Totals	Totals	Totals	Totals
Cuts, bruises, sprains, etc.		2,141	1,174	3,315	3,528	3,469	
Burns and scalds	... ..	218	169	387	386	364	
Totals	... ..	2,359	1,343	3,702	3,914	3,833	

The attendances are included with those for skin conditions (page 18).

## (2a) DISEASES OF THE EAR

### *Examined only.*

	Boys	1961 Girls	Totals	1960 Totals	1959 Totals
Recommended operation for tonsils and/or adenoids ...	154	146	300	412	356
Other operations recommended	2	—	2	10	2
Referred to hospital ...	7	7	14	137	70
Single visit cases ...	240	224	464	526	485
Totals ...	403	377	780	1,085	913

### *Treated at clinics*

#### Details of new cases—

	Boys	1961 Girls	Totals	1960 Totals	1959 Totals
Chronic suppurative inflammation (otorrhoea)—Single ...	66	40	106	130	130
Double ...	4	3	7	7	13
Results of above diseases ...	—	—	—	—	7
Retracted membrane ...	14	8	22	9	26
Chronic aural catarrh ...	2	—	2	—	—
Ceruminous collection (wax) ...	242	233	475	436	469
Nasal catarrh ...	38	37	75	26	17
Laryngitis ...	—	—	—	—	1
Polypus ...	9	9	18	—	—
Other diseases ...	353	271	624	567	681
	728	601	1,329	1,175	1,344
Cases from previous session ...	454	382	836	888	803
Totals ...	1,182	983	2,165	2,063	2,147
Clinic attendances of above cases	14,496	9,043	23,539	25,578	26,994

### *Examinations by Specialists*

Cases to the number of 2,083 (1,252 boys and 831 girls) were summoned to school clinics for examination by aurists. Of that total 601 (364 boys and 237 girls) failed to attend, the remainder being dealt with as under :—

#### At school clinics—

	Boys	1961 Girls	Totals	1960 Totals	1959 Totals
Recommended operation for tonsils and/or adenoids ...	43	45	88	35	31
Other operations recommended	50	32	82	37	18
Referred to hospital ...	110	59	169	152	104
For X-ray ...	117	73	190	153	112
For Audiogram ...	129	68	197	136	506
For Hearing Aid ...	6	7	13	—	
Other recommendations and treatments ...	433	310	743	460	
	888	594	1,482	973	771



## *X-ray Examinations*

Cases totalling 158, which included some children from the audiometric surveys, were X-rayed in Stobhill and Southern General Hospitals, on the recommendation of the specialists, with the results as shown. A few were X-rayed for more than one condition.

			Positive		Negative		Totals		Total
			Boys	Girls	Boys	Girls	Boys	Girls	
Sinuses	...	...	42	24	40	38	28	62	144
Mastoids	...	...	4	6	1	—	5	6	11
Chest ...	...	...	—	—	1	2	1	2	3
Total examinations			46	30	42	40	88	70	158

## (2b) DEFECTIVE HEARING

See Report for 1959, page 34.

During the year ended 31st July, 1961, the work done in connection with cases of defective hearing was as follows.

*Classification.* Pupils to the number of 112 were summoned with a view to grading as regards special education and, of that total, 90 (49 boys and 41 girls) attended, 10 being classified for deaf classes and 7 for partially deaf classes. The specialist also made the following recommendations :—audiogram, 16 ; hearing aid, 23 ; clinic treatment, 3 ; auditory training, 4 ; front seat in class, 14 ; lip reading, 11 ; tonsil/adenoid operations, 10 ; other recommendations, 5.

*Hearing Aids.* Of 51 children recommended hearing aids, instruments were supplied to 47 (23 boys and 24 girls). Of these, 5 (2 boys and 3 girls) were supplied with proprietary aids.

*Tonsils/Adenoids Cases.* In 8 instances (2 boys and 6 girls) operations for removal of tonsils and/or adenoids were performed in Western District Hospital.

*Audiograms.* 768 cases (410 boys and 358 girls) were tested by audiogram at Florence Street Audiometric Clinic, the total including 24 cases summoned for re-testing.

*Audiometric Survey Scheme.* Details of the work accomplished during the Session, including the findings of the specialists and the treatment provided, are shown in Appendix XII, page 87.

### (3) DISEASES OF THE EYE, EXCLUDING DEFECTIVE VISION

Details of new cases—	Boys	1961		1960		1959
		Girls	Totals	Totals	Totals	
Blepharitis ... ..	274	247	521	447	566	
Hordeolum (Stye) ... ..	233	264	497	488	511	
Conjunctivitis, catarrhal ...	171	176	347	377	345	
Conjunctivitis, muco-purulent ...	1	—	1	—	3	
Ophthalmia, strumous (includes Phlyctenular conjunctivitis and keratitis) ... ..	—	2	2	1	1	
Keratitis (interstitial) ... ..	1	—	1	—	1	
Corneal ulcers ... ..	4	4	8	8	3	
Corneal opacities ... ..	—	—	—	—	—	
Dacryocystitis ... ..	—	—	—	—	—	
Epiphora ... ..	—	1	1	1	2	
Injuries ... ..	53	18	71	109	105	
Other diseases ... ..	36	44	80	74	45	
Single visit cases ... ..	178	177	355	335	378	
	951	933	1,884	1,840	1,960	
Cases from previous session ...	48	61	109	122	148	
Totals ... ..	999	994	1,993	1,962	2,108	
Clinic attendances of above cases ...	7,198	6,745	13,943	15,136	16,541	

### (4a) DISEASES OF THE SKIN, EXCLUDING RINGWORM AND FAVUS

	Boys	1961		1960		1959
		Girls	Totals	Totals	Totals	
Scabies ... ..	992	921	1,843	2,245	2,434	
Pediculosis capitis ... ..	3	9	12	17	19	
Impetigo contagiosa ... ..	1,089	627	1,716	1,731	1,612	
Ped. cap. and imp. cont. ...	7	32	39	60	4	
Ecthyma ... ..	12	6	18	41	36	
Dermatitis seborrhoeica ...	88	85	173	157	174	
Eczema ... ..	46	37	83	92	92	
Alopecia areata ... ..	6	10	16	29	23	
Psoriasis ... ..	5	16	21	27	23	
Herpes zoster (shingles) ...	75	88	163	161	152	
Lupus ... ..	—	—	—	1	—	
Ulcers and abscesses ... ..	3,210	1,884	5,094	4,455	3,654	
Urticaria ... ..	86	99	185	167	201	
Warts ... ..	386	409	795	912	895	
Other skin diseases ... ..	214	144	358	471	330	
Single visit cases ... ..	1,623	1,157	2,780	2,848	2,734	
	7,772	5,524	13,296	13,414	12,419	
Cases from previous session ...	394	272	666	665	593	
Totals ... ..	8,166	5,796	13,962	14,079	13,012	
Clinic attendances of above and ring- worm cases ... ..	80,223	55,813	136,036	140,643	129,094	

#### *Special Cleansing Clinics—*

	1961	1960	1959
New cases ... ..	351	327	246
Attendances ... ..	681	660	452



(4b) RINGWORM

*Drug Treatment—*

	1961			1960	1959
Details of New Cases	Boys	Girls	Totals	Totals	Totals
Ringworm (head) ...	—	1	1	—	—
Ringworm (body) ...	13	13	26	34	61
	<u>13</u>	<u>14</u>	<u>27</u>	<u>34</u>	<u>61</u>

*X-ray Treatment—*

There were 151 attendances when X-ray treatment for other skin conditions was given.

(4c) BATH TREATMENT OF SCABIES

	1961			1960	1959
	Boys	Girls	Totals	Totals	Totals
Cases receiving baths	951	950	1,955	2,068	1,908
Baths given ...	3,893	3,864	7,757	8,008	8,314

(b) DEFECTIVE VISION

See Report for 1959, page 37.

(a) CASES DEALT WITH AT REFRACTION CLINICS

	1961			1960	1959
	Boys	Girls	Totals	Totals	Totals
Subjected to refraction—					
Spectacles prescribed	2,542	2,370	4,912*	4,244	4,921
Spectacles not prescribed—					
For further treatment ...	...	...	1,285	918	1,067
No treatment required ...	...	...	785	621	514
			<u>6,982</u>	<u>5,783</u>	<u>6,502</u>
Not subjected to refraction—					
For further treatment ...	...	...	562	593	852
No treatment required ...	...	...	321	296	330
Spectacles checked ...	...	...	—	1	2
Postponed ...	...	...	1,281	875	849
			<u>2,164</u>	<u>1,765</u>	<u>2,033</u>
Total number dealt with at refraction clinics			<u>9,146</u>	<u>7,548</u>	<u>8,535</u>
Number of clinics held ...	...	...	1,034	914	918
Average number of children per clinic ...	...	...	8.8	8.3	9.3
Average number subjected to refraction at each clinic ...	...	...	6.8	6.3	7.1

At school clinics, 19 new occlusion cases were put on treatment while an additional 227 children were kept under observation. The number of children referred to hospital for further treatment was 352 and a further 255 were put off treatment.

At the end of the school Session, approximately 1,578 children were awaiting refraction, distributed as follows :—

New cases—169 ; “ failed to attend ”—721 ; retests—688

\* Classification of refraction errors was as follows :—

Hypermetropia			Myopia		Anisopia	Total
H.	H.A.	M.	M.A.	Mx.A.		
609	1,786	1,156	471	579	311	4,912

#### (b) PROVISION OF SPECTACLES

New cases were supplied with spectacles under the scheme to the number of 4,731. The nickel type was provided in 4,071 instances free of charge, and the cellulose acetate in 657 on payment by each parent of a contribution towards the cost. In addition, 3 children who were allergic to nickel were supplied free of charge with the cellulose acetate type.

Replacements or repairs totalled 2,010, the details being as follows :—new lenses, 71 ; replaced lenses, 1,091 ; frames, sides, etc., 828 (nickel, 828 ; cellulose acetate, 10). A contribution towards the cost of replacement or repair was made by the parent in 10 instances.

#### (C) EAR, NOSE AND THROAT OPERATIVE TREATMENT

From the beginning of the Session, a new zoning scheme was inaugurated by arrangement with the Western Regional Hospital Board. Consultants attached to the Western District Hospital, Glasgow Royal Infirmary, Stobhill Hospital and Mearns Kirk Hospital, examined and recommended treatment for ear, nose and throat cases referred by school medical officers, using as centres the school clinics at William Street, Acorn Street, Glenbarr Street and Florence Street, respectively. The scheme, however, was only partially successful due to a lack of sufficient hospital accommodation becoming available for tonsil/adenoid operation cases. Western District Hospital and Mearns Kirk Hospital maintained fairly regular admissions although the intake of the former was less than previously. The contributions of the other hospitals however, were too meagre and intermittent to effect any appreciable reduction of the waiting list.

(i) TONSILS AND ADENOIDS OPERATIONS

*Preliminary Examinations by Specialists*

A summary of the specialists' recommendations in respect of cases referred for tonsil/adenoid operation during the school year is given below.

			First Examinations		Subsequent Examinations		Total	
			Boys	Girls	Boys	Girls	Boys	Girls
Summoned	...	...	503	461	42	32	545	493
Attended	...	...	341	298	27	26	368	324
Examined	...	...	318	280	27	26	345	306
<hr/>								
Recommendations—								
T. and A. operation	...	...	236	224	9	7	245	231
Not for treatment	...	...	23	13	9	11	32	24
Clinic treatment	...	...	11	8	1	3	12	11
X-ray examination	...	...	20	18	—	—	20	18
Audiogram	...	...	2	1	—	1	2	2
Other recommendations			3	9	2	2	5	11

In addition to the above recommendations, 69 of the cases were noted for review at later dates—mainly from three to six months subsequently.

*Tonsil/Adenoid Operations Performed*

The table below shows the number of operations for removal of tonsils and/or adenoids performed in the several hospitals during 1960-61, compared with the figures for the previous two years.

	1961		Totals	1960	1959
	Boys	Girls		Totals	Totals
Western District Hospital	188	164	352	502	747
Mearns Kirk Hospital ...	242	229	471	308	436
Glasgow Royal Infirmary	17	14	31	—	—
Stobhill Hospital ...	12	6	18	—	—
Ear, Nose and Throat Hospital	10	2	12	—	—
Hairmyres Hospital ...	16	8	24	—	—
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
	485	423	908	810	1,183
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
Clinic (including Hospital) attendances	...		2,661	2,724	3,990

In addition to the above, 24 cases were referred to Law Hospital for T. and A. operation.

A further 25 children were admitted to hospital during the year but were discharged without operation for various reasons, mainly medical.

Other forms of treatment were also given to children receiving tonsils and adenoids operations, and a few patients were detained in hospital for more than the normal period before or after operation for medical reasons.

All children were instructed to report to the school clinic two weeks after discharge from hospital for post-operative examination.

The numbers on the waiting list for each of the hospitals at 31st July, 1961, were as follows :—

Western District Hospital, 359 (204 boys and 155 girls), of which 78 (48 boys and 30 girls) had been "screened" by specialists.  
 Stobhill Hospital, 301 (135 boys and 166 girls), including 104 (30 boys and 74 girls) "screened" by specialists.  
 Glasgow Royal Infirmary, 991 (479 boys and 512 girls), 64 (31 boys and 33 girls) having been "screened" previously.  
 Mearns Kirk Hospital, 83 (76 boys and 7 girls).

### *Follow-up Examinations by Specialists*

(a) The undernoted are summarised details of the follow-up examinations of post tonsil/adenoid operation cases by the operating specialists of Western District Hospital, showing the numbers dealt with, the post-operative findings and the specialists' recommendations. Cases included in the survey were those who had been admitted to hospital for operation from February, 1956, onwards.

				First Examination		Subsequent Examinations		Total	
				Boys	Girls	Boys	Girls	Boys	Girls
Summoned	...	...	...	60	37	38	20	98	57
Attended and examined			...	30	20	14	11	44	31
Findings—									
Improved	...	...	...	28	18				
No change	...	...	...	2	2				
Recommendations—									
Not for treatment	...	...	...	26	16	4	4	30	20
Clinic treatment	...	...	...	—	1	8	3	8	4
Audiogram	...	...	...	2	2	2	1	4	3
X-ray examination	...	...	...	2	2	2	1	4	3
Speech therapy	...	...	...	1	1	—	—	1	1

(b) Cases to the number of 67 (33 boys and 34 girls) who had been seen by the specialist some years previously but had not had operation performed were re-summoned for examination. Of the total summoned, 20 (13 boys and 7 girls) attended and of these, 12 (8 boys and 4 girls) were added to the waiting list for T. & A. operation.

### (ii) OTHER EAR, NOSE AND THROAT OPERATIONS

In addition to those treated for tonsils and/or adenoids, children to the number of 85 (including 11 for antral lavage in Western District Hospital) were admitted to one or other of the hospitals during the year for operative and other treatment of various ear, nose and throat conditions. Some of the patients were treated for more than one defect.

The number of cases on the waiting list at 31st July, 1961, for other ear, nose and throat operations was 8 (5 boys and 3 girls).

#### (D) ORTHOPAEDIC AND POSTURAL DEFECTS

See Report for 1959, page 41.

During the year, the Orthopaedic Unit at Mearns Kirk Hospital had increased the turn-over of patients by a policy of sending out children in plaster at a much earlier date. Although this entailed more out-patient supervision it was better for the children not to spend too much time in hospital. It had also considerably shortened the period of waiting time before admission.

The Orthopaedic Consultant continued to visit the school clinics. It may be noted that 56 out of the 136 children discharged from hospital were disabled through poliomyelitis. Only two children with this condition were discharged to the clinics for continuation of treatment during the year.

The work at the Spastic School had been hampered by lack of therapists but over 40 children had attended there during the year, and had had the benefit of the special facilities provided.

Details of the work during 1960/61 were as follows :—

##### (a) DEFORMITIES TREATED IN MEARNSKIRK HOSPITAL

Cases in hospital on 31.7.60 ... ..	16
Number admitted during the Session ...	142
	<hr/>
Number dismissed during the Session ...	158
	136
	<hr/>
Number still in hospital on 31.7.61 ...	22
	<hr/>

Of the cases dismissed the causes of disability were as shown :—

Foot deformities, 76 (congenital, 3 ; post poliomyelitis, 34 ; spastic paralysis, 27 ; other acquired deformities, 12) ; hip deformities due to poliomyelitis, 2 ; deformities of the hand, 6 ; deformities of the spine, 5 ; deformities of the knees, 5 ; shortening due to poliomyelitis, 15 ; muscular dystrophy, 4 ; rickets, 2 ; bursa, 2 ; torticollis, 9 ; total—126. Of that total 10 were treated by general physiotherapeutic measures only and the remainder underwent operative treatment as under :—

Manipulations (including tenotomy and wrenching of the foot), 36 ; elongation of tendo achilles, 29 ; stabilisation of foot, 5 ; tendon transplants, 6 ; excision of bursa, 2 ; tenotomy of hip flexors, 2 ; spinal fusion, 3 ; stapling for shortening, 6 ; stapling for knock-knees, 4 ; removal of staples after correction of shortening or knock-knee, 10 ; tenotomy for torticollis, 9 ; miscellaneous 4—total 116.

The average duration of stay in hospital of these 136 children was 48 days.



In addition to the above, four badly handicapped spastics were admitted during their mothers' illness, and six children were admitted for investigation of various complaints and discharged after negative findings.

The number of children on the waiting list for admission to Mearns-kirk Hospital on 1.8.61 was 20.

(b) DEFORMITIES TREATED BY EXERCISE, MASSAGE, ELECTRICAL TREATMENT, ETC., AT AVENUE PARK STREET, FLORENCE STREET, GLENBARR STREET, HARRIET STREET AND STUART LAIDLAW ORTHOPAEDIC CLINICS

	Boys	1961 Girls	Totals	1960 Totals	1959 Totals
Number of children examined by—					
School Medical Officers ...	402	354	756	674	778
Orthopaedic Surgeon ...	622	579	1,201	1,252	1,383
Number of attendances of "old cases" reporting for observation	715	670	1,385	1,206	1,118

The staff of physiotherapists carried out treatment for the following cases :—

	Boys	1961 Girls	Totals	1960 Totals	1959 Totals
Details of new cases put on treatment at Clinics—					
Deformities of spine (kyphosis, lordosis, scoliosis) ...	126	150	276	250	219
Paralysis, infantile and other	36	41	77	98	146
Flat-foot and other deformities of the foot ...	159	101	260	208	240
Wry-neck (torticollis) ...	8	3	11	11	11
Deformities of chest ...	48	19	67	57	69
Knock-knees ...	18	18	36	23	29
Others ...	9	8	17	18	19
	404	340	744	665	733
Cases from previous session	147	158	305	348	284
Totals ...	551	498	1,049	1,013	1,017

Discharged from Orthopaedic Clinics—

	Boys	1961 Girls	Totals	1960 Totals	1959 Totals
Fit ...	328	304	632	496	517
For hospital treatment ...	10	6	16	11	17
To convalescent homes ...	1	1	2	3	3
Transferred to other clinics or treated by appliances ...	12	21	33	65	43
For other reasons (leaving school, improved, etc.) ...	55	43	98	99	111
	406	375	781	674	691
Number still on treatment ...	154	125	279	320	329
Number of attendances made by children for treatment ...			16,688	16,213	15,546

(c) DEFORMITIES TREATED IN SPASTIC UNIT

The Physiotherapists treated 22 boys and 21 girls, giving total treatments of 2,049 and 1,589 respectively. Group therapy classes were held to the number of 73.

Of the four children discharged during the year, three had attained school-leaving age and one was transferred to a school for the physically handicapped. Admissions during the Session of five girls and one boy brought the total on the roll to 47.

(E) OTHER DISEASES

(a) CASES DEALT WITH AT THE REGULAR CLINICS FOR "GENERAL" DISEASES

Details of new cases—		1961		1960	1959
	Boys	Girls	Totals	Totals	Totals
Bronchitis and bronchial catarrh	512	378	890	909	927
Anaemia and/or debility	816	811	1,627	1,819	1,382
Rickets	—	—	—	—	—
Tubercular conditions—					
Pulmonary (including contacts)	16	15	31	57	61
Non-pulmonary	2	3	5	15	3
Paralysis	1	—	1	1	1
Heart disease	21	20	41	59	47
Chorea	2	—	2	5	7
Enlarged tonsils and/or adenoids	62	68	130	160	104
Adenitis	22	22	44	36	24
Rheumatism	15	32	47	41	50
Enuresis	363	402	765	739	756
Malnutrition	—	—	—	6	—
Epilepsy	7	11	18	22	17
Digestive disorders	38	50	88	115	66
Infectious diseases	7	6	13	11	4
Mental deficiency	1	—	1	—	1
Nervous disorders	72	65	137	127	132
Others	375	357	732	713	1,079
Single visit cases	1,467	1,200	2,667	2,172	1,875
Totals	3,799	3,440	7,239	7,007	6,536
Clinic attendances of above cases	12,823	12,172	24,995	24,045	22,462

(b) SUPPLY OF MEDICINES

		1961		1960	1959
	Boys	Girls	Totals	Totals	Totals
Details of new cases seen elsewhere than at "General" Clinics—					
Sent from school inspection for immediate supply	221	258	479	499	543
Sent from skin, eye and ear clinics	507	394	901	1,378	1,086
Additional attendances at "General" clinics for medicine	6,656	6,173	12,829	14,246	14,792
Totals	7,384	6,825	14,209	16,123	16,421



(c) ARTIFICIAL LIGHT TREATMENT

	Boys	1961		1960	1959
		Girls	Totals	Totals	Totals
Details of new cases—					
Rickets ... ..	2	2	4	—	1
Anaemia and/or debility ...	267	350	617	695	534
Nervous disorders ... ..	2	10	12	11	13
Enlarged glands ... ..	—	—	—	—	3
Chronic bronchitis ... ..	88	91	179	241	202
Rheumatism ... ..	5	19	24	44	32
Skin conditions ... ..	23	32	55	55	55
Eye conditions ... ..	—	—	—	2	2
Ear conditions ... ..	—	—	—	2	1
Other diseases ... ..	18	24	42	85	90
Single visit cases ... ..	3	5	8	13	13
Totals ... ..	408	533	941	1,148	946
Clinic attendances of above cases ...	5,270	7,457	12,727	16,167	14,456

(d) CASES SEEN AT CARDIAC CLINICS

See Report for 1959, page 44.

The Heart Specialist from Stobhill Hospital again attended school clinics for the purpose of examining school children specially referred by School Medical Officers and recommending any necessary treatment. During the Session, 429 children (222 boys and 207 girls) were summoned, of whom 108 (45 boys and 63 girls) failed to attend. The remainder reported as follows :—

New Cases		Re-examinations		Totals	
Boys	Girls	Boys	Girls	Boys	Girls
86	64	91	80	177	144

The Specialist referred 43 children (29 boys and 14 girls) for further investigation at the Cardiology Clinic or for admission to Stobhill Hospital, where some were operated on for the treatment of certain forms of congenital heart disease. In addition, 4 boys and 2 girls were recommended for examination by E.N. and T. Specialist, 2 boys and 1 girl were recommended for T. & A. operation and 1 girl was recommended for a period of convalescence.

The Specialist also interviewed 22 parents of children who had been referred for further investigation at the Cardiology Clinic.

During the year the children interviewed at special clinics and assessed as regards capability for suitable employment were as shown below :—

October, 1960, nil ; December, 1960, 3 ; March, 1961, 1 ; June, 1961, 9. Since the commencement of the scheme in June, 1950, 406 children in all had been seen.

The Heart Specialist in reviewing the year's work reported :—

“ Increasing use of special methods of investigation such as cardiac catheterisation and dye dilution studies allow of more and more accurate diagnosis in many of these difficult and complicated problems presented in the congenital heart diseases of young children. Fortunately surgical potentialities are also increasing and as a result the numbers of children to whom no benefits can be offered by investigation and treatment are falling year by year.”

(e) INVESTIGATION OF ASTHMA AND ALLERGY CASES

See Report for 1959, page 46.

The special clinic at Crail Street continued to function successfully throughout the year.

(F) *TREATMENT AT SPECIAL SCHOOLS*

See Report for 1959, page 47.

The total treatments given by nurses were as follows :—

	Boys	Girls	Total
Ear conditions ... ..	5,968	5,716	11,684
External eye defects ... ..	2,542	2,839	5,381
Skin disease ... ..	28,236	27,864	56,100
Uncleanliness (nits, vermin, etc.) ...	13,249	19,080	32,329
Medicines issued ... ..	10,392	11,420	21,812

**7.—DENTAL INSPECTION AND TREATMENT**

In the year under review staffing problems, due to retireals, illness, etc., and the difficulty of recruiting new staff, were responsible for considerable decrease in the number of school inspections and of sessional treatments. The necessity for increasing the interval between individual school inspections had resulted in a small increase in the number of cases requiring treatment. Taking all these factors into account the continued increase in the number of fillings in the temporary dentition was very gratifying.

As envisaged in last year's report, more time was devoted this year to the teaching of dental health. Two interesting and successful ventures in this field were, a stall at the Schoolboys' and Girls' Exhibition in the Kelvin Hall for two weeks and an "At Home" for one week in Stuart Laidlaw Clinic, each demonstrating the work of the dental service and illustrating elements of dental hygiene. Both exhibitions were staffed by members of the dental staff.

While the response to those exhibitions was most satisfactory, it was felt that our main effort in dental health education should be at clinical level. To this end, staff were instructed by talks, films, leaflets, etc., on aspects to be encouraged in their daily contact with children in the clinics and schools. Films, appropriate to age, also circulated in schools.

It was hoped that, in future, employment of dental auxiliaries under the Department of Health pilot scheme would enable these talks to be carried out in the classroom and continued at regular intervals during school life.

It should be noted this year, that there had been a change in the statistical return required by the Department of Health. As it was not possible to employ this new method for the complete year, the report had been presented as formerly. However, in addition, an example of the form the report would take in future had been illustrated for the latter six months of the year under review.

On an overall view it would appear that the present service had been extended to the limit in an endeavour to service too many areas and that any further effort in this direction with the present resources would minimise the effectiveness of the department.

## **8.—SPECIAL SCHOOLS AND CLASSES AND RESIDENTIAL SCHOOLS**

### *(a) HANDICAPPED CHILDREN*

See Report for 1959, page 48.

Educational provision was made as follows in schools for handicapped children under the management of the Corporation :—

- (1) Mentally handicapped—18 Day Schools and 11 Occupational Centres.
- (2) Physically handicapped—11 Day Schools, 7 Hospital Schools and a Scheme of Home Tuition. (One day school made provision for spastic children only).
- (3) Defective vision—1 Day/Boarding School for blind children and 1 Day School for the partially sighted. (The former serves the whole of Scotland and Northern Ireland and accommodates Roman Catholic children).

- (4) Defective hearing—1 Nursery/Infant Day School, 1 Day School, and 1 Day/Boarding School for the partially deaf and 2 Day/Boarding Schools for the deaf. In addition, teachers from the Speech Reading Unit visited ordinary schools to give speech-reading instruction and auditory training to pupils not sufficiently deaf to require education by deaf methods.

At 30th June, 1961, the number of children receiving special educational treatment in schools administered by the Corporation was as given below :—

Physically handicapped children, 410 (including 49 in school for spastics) ; children with hearing defects, 275 ; children with defects of vision, 89 ; mentally handicapped (educable) children, 2,523 ; mentally handicapped (trainable) children, 464 ; total 3,761. This total compared with 3,988 in 1959 and 3,821 in 1960.

*Hospital Schools.* The following is a list of the Hospital Schools with the number of pupils each receiving tuition at 30th June, 1961.

Drumchapel Home (32) ; Lenzie Home (26) ; Mearns Kirk Hospital (74) ; Victoria Auxiliary Infirmary, Philipshill (27) ; Royal Hospital for Sick Children (60) ; Stobhill Hospital (91) ; and Strathblane Home (23).

#### HOME TUITION SCHEME

At 30th June, 1961, the number of children participating in the scheme was 40 and the main causes of incapacity were :—

Spina bifida, 7 ; muscular dystrophy, 5 ; heart diseases, 2 ; pulmonary conditions, 4 ; arthritis, 1 ; spastic, 1 ; miscellaneous, 20.

#### EXAMINATION AND AFTER-CARE OF MENTALLY HANDICAPPED CHILDREN

The number of children specially examined by School Medical Officers during the year regarding *mental defects* was as follows :—

		1961			1960	1959
		Boys	Girls	Totals	Totals	Totals
First Examinations	...	222	164	386	441	493
Re-examinations	...	921	657	1,578	1,912	2,050
		<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
		1,143	821	1,964	2,353	2,543
		<hr/>	<hr/>	<hr/>	<hr/>	<hr/>

Provision for After-Care in terms of the National Health Service (Scotland) Act, 1947, was continued throughout the year by the Health and Welfare Department.

In addition to the foregoing provision, Glasgow children in need of specialised care and attention were accommodated and educated at the following Centres not under the management of the Corporation :—

*Biggart Memorial Home, Prestwick*—40 physically handicapped children requiring nursing care.

*Coltness House, Wishaw*—2 severely physically handicapped boys.

*Eastpark Homes, Glasgow and Largs*—45 severely physically handicapped children requiring long-term nursing care.

*The Colony for Epileptics, Bridge of Weir*—10 Protestant children suffering from serious epilepsy.

*The Royal Blind School, Edinburgh*—30 Protestant blind children.

*The Royal Scottish National Institution, Larbert*—11 mentally handicapped boys and girls (Protestant).

*St. Charles' Certified Institution, Carstairs*—48 Roman Catholic mentally handicapped children.

*St. Joseph's Certified Institution, Rosewell*—4 Roman Catholic mentally handicapped children with severe physical handicap.

*Waverly Park Certified Institution, Kirkintilloch*—26 Protestant mentally handicapped girls.

*Birkwood Certified Institution, Lesmahagow*—24 Protestant mentally handicapped children.

*Broadfield Hospital, Port Glasgow*—1 Roman Catholic mentally handicapped girl.

*Caldwell House Certified Institution, Uplawmoor*—4 Protestant mentally handicapped children.

#### (b) MALADJUSTED CHILDREN

##### CHILD GUIDANCE

The Child Guidance Service, in the clinics or in the schools, dealt with a total of 4,317 pupils during the year. As well as maladjusted children, there were 292 cases for ascertainment of mental handicap, 332 examinations of High School entrants and 189 children examined or tested under research projects in co-operation with educational, medical and University organisations.



Among the maladjusted children, the symptoms of highest incidence were : enuresis and encopresis, 622 ; shyness, inhibition and avoidance reactions, 438 ; aggression, violence and defiance of authority, 375 ; temper and unruliness, 374 ; psycho-somatic illness, 354 ; theft, 320 ; sleeping and feeding difficulties, 317 ; weepiness and dependence, 281.

Health Visitors from the School Health Service were this year seconded part-time to the Child Guidance Clinics to assist in home visiting and family case-work. As a result 1,924 home visits were made, an increase of almost 700 on last year. This resulted also in a much better and more regular attendance of parents at clinics, 17,645 as against 15,595 last year.

Further information can be found in the Report on Child Guidance Service issued annually by the Education Department.

### (c) RESIDENTAL SCHOOLS

The Centres outwith the City are listed below along with the accommodation available for pupils. Periods of residence varied according to the needs of the individual child and average four weeks for the normal child, eight weeks for convalescents and two weeks for nursery children.

#### (i) NORMAL

Achnamara, Lochgilphead	...	48 Protestant boys and girls (12-15 years).
Dalguise, near Dunkeld	...	48 Roman Catholic boys and girls (Primary V, VI and VII).
Galloway, Wigtown	...	112 Protestant boys and girls (Primary V, VI and VII).

#### (ii) CONVALESCENT

Agnes Patrick/Stevenson, Ascog	...	58 Roman Catholic boys and girls (8-15 years).
Caol Ruadh, Colintrave	...	36 Protestant boys (8-15 years).
Castle Toward, by Dunoon	...	100 Protestant boys and girls (8-15 years).
Craig, Kilmarnock	...	56 Roman Catholic boys (5-15 years).
Hillfoot, Bearsden	...	95 Protestant mentally handicapped children (8-14 years).
Lumsden, Maybole	...	29 Roman Catholic girls (5-12 years).
Seafield, Ardrossan	...	65 Protestant boys (5-12 years).
South Park, Ascog	...	28 Protestant girls (5-15 years).
Fornethy, near Alyth	...	74 Protestant girls (8-12 years).

#### (iii) NURSERY

Southannan, Fairlie	...	36 Protestant and Roman Catholic boys and girls (2-5 years).
---------------------	-----	--

## **9.—ARRANGEMENTS FOR PHYSICAL EDUCATION AND PERSONAL HYGIENE**

See Report for 1959, page 52.

The Department of Physical Education faced a serious shortage in the supply of staff, especially on the female side, and compelled the adoption of measures which left the subject barely covered in some schools. This staff shortage denied to all except a few primary schools the demonstrations by assistant teachers and by Principal Teachers which had been a valuable feature in the application of the subject. Nevertheless, the work in the secondary schools was of a high standard, and thanks to the enthusiasm of many primary teachers, aided by visitations and demonstrations by the supervisory staff, a healthy interest in the subject was evident throughout the primary school.

The addition of the Cranhill School Pond had done much to alleviate the swimming requirements of the eastern side of the city in providing facilities for the pupils of Cranhill, St. Gregory's and Gartcraig Secondary schools. In the other new housing areas of the city, however, the shortage of swimming facilities was still acute.

The Education Committee had been untiring in their efforts to provide a high standard of accommodation and equipment for physical education in new schools and playing fields. Their attempts to bring the accommodation of some of our older buildings up to modern requirements had also helped to maintain the high standard of health amongst the pupils. In many schools, however, accommodation for physical education was still below modern standards.

Three mobile spray bath units continue to function at twelve schools, providing an overall average of 135 baths daily, making a total of 15,703 baths given in the complete year. A useful extension of this service was the provision of one spray bath unit at Pirie Park Playing Field on Saturday mornings where many pupils after their morning game enjoyed the new privilege of a spray.

## **10.—ARRANGEMENTS FOR FEEDING AND CLOTHING OF CHILDREN**

See Report for 1959, page 53.

### **(a) ADMINISTRATION AND NATURE OF MEALS**

On 31st July, 1961, there were 82 kitchens preparing meals for school children. In addition, one kitchen supplied Kosher meals to Jewish children. On an average day in June, 1961 (Friday, 9th June) the total number of dinners served was 63,060, of which 19,652 were supplied free.



Dinners only were supplied to pupils of ordinary schools and schools for handicapped children. In Nursery Schools, dinners and teas were served, while a Health and Welfare Day Nursery received breakfasts, dinners and teas.

The meals were served in 398 dining rooms, 353 of which were on school premises, the remainder being in church and other halls.

#### *(b) NUMBER AND COST OF MEALS*

The number of dinners prepared in kitchens during the year ended 31st May, 1961, was 14,790,802 compared with 13,903,744 in 1960 and 12,958,581 in 1959.

Weekly tickets were purchased by pupils requiring dinners in schools at the following prices :—

For 5 meals per week—4s. 9d. for the first child of a family, 4s. 4d. for the second, and 3s. 11d. for the third and subsequent children ; equivalent prices for 6 dinners were 5s. 7d., 5s. 2d. and 4s. 9d. Remission rates of 3s. 11d., 3s., 2s., or 1s. (based on family income) were charged for a ticket valid for 6 dinners per week, the price being the same for each member of the family.

In schools for handicapped children, the prices were 1s. 10d. and 2s. 1d. for 5 and 6 dinners respectively, or at remission rates for 6 dinners of 2s. and 1s.

During holiday periods, meals were supplied to children entitled to free meals, to children who held tickets purchased at partial remission rates, and to children whose parents or guardians were unable to make suitable arrangements to provide a mid-day meal, thereby avoiding hardship to the children.

#### *(c) FOOTWEAR AND CLOTHING*

During the year 1st June, 1960, to 31st May, 1961, 1,123 children were provided with footwear and clothing as compared with 1,191 during the previous twelve months. The undertaking given by the National Assistance Board to accept responsibility for the clothing needs of children of their dependants continued satisfactorily.

#### *(d) MILK SUPPLIED TO SCHOOL CHILDREN*

All milk supplied to schools under the Milk in Schools Scheme was now Tuberculin Tested (Pasteurised).

The total number of milk rations during the year ended 31st July, 1961, was 35,811,228 compared with 35,935,062 in 1960. The most recent census figures showed that 87·54 per cent. of the children on the registers in September, 1960, were taking school milk compared with 87·55 per cent. in September, 1959.

Food inspectors of the Health and Welfare Department took 176 samples of milk for examination and of that number 1 failed to pass the coliform test. The average composition of samples was satisfactory at 3.69 per cent. milk fat and 8.82 per cent. non-fatty solids. Of 44 samples supplied for biological examination as to the presence of tubercle, all were found to be negative.

## STATISTICAL AND OTHER APPENDICES

**TABLE I.—TOTAL NUMBER OF CHILDREN EXAMINED AT :**

(A) (a) SYSTEMATIC EXAMINATIONS, i.e., the main groups recommended for the session (see page 9), and (b) OTHER SYSTEMATIC EXAMINATIONS, i.e., children missed at recommended age groups or otherwise outwith these groups.

GROUP	1961			1960	1959
	Boys	Girls	Totals	Totals	Totals
(a) Entrants ... ..	9,176	8,789	17,965	18,017	17,664
Second Age Group ...	7,768	7,308	15,076	15,527	15,897
Third Age Group ...	8,751	9,181	17,932	16,583	13,921
Fourth Age Group ...	1,215	932	2,147	2,090	1,838
	26,910	26,210	53,120	52,217	49,320
(b) Others ... ..	501	579	1,080	1,084	1,225
Totals ... ..	27,411	26,789	54,200	53,301	50,545

For age distribution of these children see Appendix Ib on page 40.

In addition to these numbers of children, the following were examined in the course of Systematic Inspection of the pupils at Special Schools and Classes :—

GROUP	1961			1960	1959
	Boys	Girls	Totals	Totals	Totals
Physically handicapped children ... ..	121	80	201	238	217
Mentally handicapped children ... ..	456	320	776	716	720
Totals ... ..	577	400	977	954	937

(B) OTHER EXAMINATIONS :—

GROUP	1961	1960	1959
(i) <i>In Schools</i> —			
Systematic Inspection of Nursery School Children ... ..	1,143	1,182	1,056
Other Examinations in Nursery Schools (including abnormals) ... ..	2,690	2,174	2,043
1953 age-group (Visual Acuity only)—(by school nurses) ... ..	14,405	14,604	15,168
Special Cases (in respect of particular defects)	16,791	18,093	18,091
Re-inspections by Medical Officers ... ..	17,465	20,388	18,316
Leaving Interviews ... ..	9,430	9,352	10,205
Examinations regarding Mental Defect ... ..	1,964	2,353	2,543
Discharges in Special Schools and Classes ... ..	69	88	119
Audiometric Survey (by audionetricians) ... ..	15,869	15,416	15,317
Totals ... ..	79,826	83,650	82,858
(ii) <i>Mainly at Clinics</i> —			
Applicants for Licences under the Corporation Bye-laws for the Employment of Children ... ..	634	528	603
Adult Employees of the Corporation ... ..	1,825	1,150	1,089
Candidates for Printers' Apprenticeships ... ..	175	168	120
Children as to fitness for camps, etc.—			
School and Junior Club groups ... ..	10,710	10,311	10,808
Children as to fitness for School Journeys abroad, Educational Excursions, etc. ... ..	6,441	5,453	5,045
Children as to fitness for admission to and dismissal from Residential Schools and Institutions ... ..	13,622	12,489	11,915
Pre-vocational Students ... ..	625	665	729
Other Special Cases ... ..	48	69	71
Examinations in Remand Home ... ..	5,375	3,972	4,307
Totals ... ..	39,455	34,805	34,687
(iii) <i>Cleanliness and Special Examinations</i> —			
• Cleanliness inspections—(by school nurses) ... ..	163,400	159,332	150,630

\* In addition, Nurse Inspectresses of the Sanitary Divisions made a number of cleanliness inspections in visits to other schools.

## APPENDIX 1a.—NOTIFICATION TO PARENTS.

The numbers and percentages of individual children inspected at systematic examinations who were notified to parents as requiring treatment for conditions *other than* defects of clothing or cleanliness (including pediculosis) and minor dental defects, were as follows:—

Group	1961			1960	1959
	Boys	Girls	Totals	Totals	Totals
Entrants ... ..	3,099 (33·8)	2,944 (33·5)	6,043 (33·7)	6,017 (33·4)	6,220 (35·2)
2nd Age Group ... ..	2,120 (27·3)	2,093 (28·6)	4,213 (27·9)	4,644 (29·9)	4,664 (29·3)
3rd Age Group ... ..	1,675 (19·1)	2,505 (27·3)	4,180 (23·3)	3,858 (23·2)	3,067 (22·0)
4th Age Group ... ..	191 (15·7)	159 (17·1)	350 (16·3)	317 (15·1)	276 (15·0)
Others ... ..	118 (23·5)	169 (29·2)	287 (26·6)	302 (27·9)	313 (25·6)
Totals ...	7,203 (26·3)	7,870 (29·4)	15,073 (27·8)	15,138 (28·4)	1,4540 (28·8)

The numbers and percentages of cases in which intimation was made to parents verbally or by card, together with information as to similar intimations in respect of clothing, cleanliness, and/or minor dental defects will be found in Appendix IIa on page 49.



# APPENDIX 1b.—AGE DISTRIBUTION OF CHILDREN

(a) Children within groups recommended

(b) Children outwith groups

† Entrants-Infants.

		Ages				
		4	5	6	7	8
<b>BOYS.</b>						
Non-transferred Schools	(a) ...	141	5,564	185	15	7
Do.	(b) ...	—	—	—	33	29
Transferred Schools	(a) ...	87	3,068	101	6	2
Do. ...	... (b) ...	—	—	—	14	13
Totals	(a) ...	228	8,632	286	21	9
Do.	(b) ...	—	—	—	47	42
Totals 1961	... ..	228	8,632	286	68	51
Totals, 1960	... ..	237	8,688	271	83	51
<b>GIRLS.</b>						
Non-transferred Schools	(a) ...	121	5,395	172	10	2
Do.	(b) ...	—	—	—	29	54
Transferred Schools	(a) ...	33	2,948	99	9	—
Do.	(b) ...	—	—	—	14	13
Totals	(a) ...	154	8,343	271	19	2
Do.	(b) ...	—	—	—	43	67
Totals, 1961	... ..	154	8,343	271	62	69
Totals, 1960	... ..	207	8,284	271	104	61
<b>ALL</b>						
Totals	(a) ...	382	16,975	557	40	11
Do.	(b) ...	—	—	—	90	109
Totals, 1961	... ..	382	16,975	557	130	120
Totals, 1960	... ..	444	16,972	542	187	112

† This grouping applies only to



# AT DATE OF SYSTEMATIC EXAMINATION

for the session (as indicated by brackets).

recommended for the session.

† Second Age Group. †Third Age Group. † Fourth Age Group.

8	9	10	11	12	13	14	15	16	17	18	19	Totals
263	4,475	384	—	277	5,329	542	70	767	150	—	—	18,169
—	27	71	47	18	19	76	12	2	12	8	1	355
213	2,260	173	—	177	2,158	268	—	160	68	—	—	8,741
—	11	33	27	15	7	20	5	—	1	—	—	146
476	6,735	557	—	454	7,487	810	70	927	218	—	—	26,910
—	38	104	74	33	26	96	17	2	13	8	1	501
476	6,773	661	74	487	7,513	906	87	929	231	8	1	27,411
482	6,946	756	94	554	7,164	686	103	789	321	—	—	27,225
206	4,069	580	—	350	5,460	481	51	579	152	—	—	17,628
—	31	85	58	45	15	67	11	—	5	—	—	400
146	2,040	267	—	253	2,381	256	5	115	30	—	—	8,582
—	21	49	23	23	6	14	9	1	3	3	—	179
352	6,109	847	—	603	7,841	737	56	694	182	—	—	26,210
—	52	134	81	68	21	81	20	1	8	3	—	579
352	6,161	981	81	671	7,862	818	76	695	190	3	—	26,789
296	6,253	1,048	93	640	7,000	834	84	680	220	1	—	26,076
828	12,844	1,404	—	1,057	15,328	1,547	126	1,621	400	—	—	53,120
—	90	238	155	101	47	177	37	3	21	11	1	1,080
828	12,934	1,642	155	1,158	15,375	1,724	163	1,624	421	11	1	54,200
778	13,199	1,804	187	1,194	14,164	1,520	187	1,469	541	1	—	53,301

the (a) lines on the table,

**TABLE II.—SYSTEMATIC EXAMINATION OF CHILDREN IN ORDINARY SCHOOLS.**

**NUMBERS AND PERCENTAGES OF CHILDREN SUFFERING FROM DEFECTS.**

An individual child may appear in several sections but only once in any section, i.e., only the child's major defect in any section is recorded—any minor defects in the same section are ignored in this table. "Sections" are indicated by the horizontal lines across the columns, and the section totals give the numbers of individual children having at least one defect in that section.

Age Groups	Entrants.		2nd age group.		3rd age group.		4th age group.		All ages.		1961	1960	1959
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Totals.	Totals.	Totals.
Number examined	9,176	8,789	7,768	7,308	8,751	9,181	1,215	932	27,411	26,789	54,200	53,301	50,545
1. CLOTHING UNSATISFACTORY	Nature of defects found												Totals.
	{ Insufficient												
	{ Ragged												
	{ Dirty												
Totals	5	7	8	4	11	20	—	—	26	34	60	56	67
2. FOOTGEAR UNSATISFACTORY	{ Unsatisfactory												Totals.
	{ None												
Totals	3	—	11	2	15	2	—	—	30	5	35	20	42
3. UNCLEANLINESS	{ Dirty												Totals.
	{ Nits												
	{ Verminous												
	{ Dirty												
(a) Head	236	764	187	814	113	1,071	—	3	546	2,708	3,354	3,723	3,875
(b) Body	{ Dirty												Totals.
	{ Verminous												
	{ Dirty												
	{ Verminous												
Totals	251	786	202	824	126	1,091	—	3	591	2,760	3,351	3,812	3,988

[illegible]

TABLE II—Continued.

Age Groups	Entrants.		2nd age group.		3rd age group.		4th age group.		All ages.		1961	1960	1959
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Totals.	Totals.	Totals.
<b>7. NASO PHARYNX</b>													
(a) <i>Nose</i>													
Obstruction—for observation	115 (1.3)	80 (0.9)	22 (0.3)	19 (0.3)	16 (0.2)	9 (0.1)	1 (0.1)	—	155 (0.6)	111 (0.4)	266 (0.5)	296 (0.6)	361 (0.7)
Obstruction—for operation	93 (1.0)	67 (0.8)	21 (0.3)	18 (0.2)	3 (0.0)	10 (0.1)	—	—	117 (0.2)	95 (0.4)	212 (0.4)	220 (0.4)	204 (0.4)
Catarh	83 (0.9)	86 (1.0)	81 (1.0)	58 (0.8)	28 (0.3)	69 (0.8)	1 (0.1)	3 (0.3)	196 (0.7)	218 (0.8)	414 (0.8)	360 (0.7)	308 (0.6)
Other conditions	12 (0.1)	17 (0.2)	8 (0.1)	10 (0.1)	6 (0.1)	10 (0.1)	—	—	28 (0.1)	38 (0.1)	66 (0.1)	39 (0.1)	116 (0.2)
(b) <i>Throat</i>													
Tonsils—for observation	743 (8.1)	736 (8.4)	236 (3.0)	269 (3.7)	102 (1.2)	216 (2.4)	3 (0.2)	12 (1.3)	1,096 (4.0)	1,254 (4.7)	2,350 (4.3)	2,149 (4.0)	2,232 (4.4)
Tonsils—for operation	343 (3.7)	345 (3.9)	107 (1.4)	130 (1.8)	27 (0.3)	42 (0.5)	—	2 (0.2)	478 (1.7)	526 (2.0)	1,004 (1.9)	1,167 (2.2)	1,146 (2.3)
Other conditions	7 (0.1)	4 (0.0)	5 (0.1)	3 (0.0)	2 (0.0)	12 (0.1)	—	1 (0.1)	14 (0.1)	21 (0.1)	35 (0.1)	24 (0.0)	18 (0.0)
(c) <i>Glands</i>													
For observation	59 (0.6)	38 (0.4)	36 (0.5)	25 (0.3)	9 (0.1)	14 (0.2)	1 (0.1)	—	105 (0.4)	78 (0.3)	183 (0.3)	159 (0.3)	180 (0.4)
For operation	—	1 (0.0)	—	—	—	—	—	—	—	1 (0.0)	1 (0.0)	12 (0.0)	3 (0.0)
Totals	1,455 (15.9)	1,374 (15.6)	516 (6.6)	532 (7.3)	193 (2.2)	382 (4.2)	6 (0.5)	18 (1.9)	2,189 (8.0)	2,342 (8.7)	4,531 (8.4)	4,426 (8.3)	4,568 (9.0)
<b>8. EYES</b>													
(a) <i>External Diseases</i>													
Blepharitis	70 (0.8)	25 (0.3)	87 (1.1)	96 (1.3)	111 (1.3)	139 (1.5)	13 (1.1)	6 (0.6)	286 (1.0)	278 (1.0)	564 (1.0)	466 (0.9)	552 (1.1)
Conjunctivitis	8 (0.1)	10 (0.1)	7 (0.1)	9 (0.1)	9 (0.1)	16 (0.2)	1 (0.1)	—	25 (0.1)	36 (0.1)	61 (0.1)	58 (0.1)	59 (0.1)
Corneal opacities	8 (0.1)	2 (0.0)	4 (0.1)	1 (0.0)	7 (0.1)	4 (0.0)	—	—	20 (0.1)	8 (0.0)	28 (0.1)	17 (0.0)	19 (0.0)
Strabismus	393 (4.7)	266 (3.0)	220 (2.8)	179 (2.5)	148 (1.7)	112 (1.2)	16 (1.3)	6 (0.6)	787 (4.8)	577 (3.2)	1,364 (2.5)	1,441 (2.7)	1,416 (2.8)
Other diseases	33 (0.4)	27 (0.3)	18 (0.2)	17 (0.2)	23 (0.3)	39 (0.4)	1 (0.1)	3 (0.3)	76 (0.3)	87 (0.3)	163 (0.3)	129 (0.2)	136 (0.3)
Totals	512 (5.6)	330 (3.8)	336 (4.1)	302 (3.7)	298 (3.4)	310 (3.4)	31 (2.6)	15 (1.6)	1,194 (4.4)	986 (3.7)	2,180 (4.0)	2,111 (4.0)	2,182 (4.3)

## 8. EYES

8. EYES															
(b) Visual acuity (Snellen)*															
Fair, 6/9 or 6/12	...	...	—	—	643 (8.3)	643 (8.8)	642 (7.4)	780 (8.5)	122 (10.0)	79 (8.4)	1,441 (7.9)	1,543 (8.6)	2,984 (8.2)	3,249 (9.2)	3,154 (9.6)
Bad, 6/18 or worse	...	...	—	—	129 (1.7)	146 (2.0)	247 (2.8)	284 (3.1)	31 (2.6)	21 (2.3)	414 (2.3)	461 (2.6)	876 (2.5)	851 (2.4)	814 (2.5)
Totals	...	...	—	—	772 (10.0)	789 (10.8)	889 (10.2)	1,064 (11.6)	153 (12.6)	100 (10.7)	1,855 (10.2)	2,004 (11.2)	3,860 (10.7)	4,100 (11.6)	3,968 (12.1)
Recommended for Refraction															
Recommended for Re-test	...	...	111 (1.2)	95 (1.1)	346 (4.5)	354 (4.8)	375 (4.3)	484 (5.3)	48 (4.0)	21 (2.3)	910 (3.3)	977 (3.6)	1,887 (3.5)	1,792 (3.4)	1,872 (3.7)
Totals	...	...	116 (1.3)	100 (1.1)	446 (5.7)	470 (6.4)	495 (5.7)	718 (7.8)	52 (4.3)	34 (3.6)	1,142 (4.2)	1,349 (5.0)	2,491 (4.6)	2,430 (4.6)	2,568 (5.1)
9. EARS															
(a) Diseases															
Otorrhoea	...	...	43 (0.5)	38 (0.4)	41 (0.5)	27 (0.4)	36 (0.4)	38 (0.4)	1 (0.1)	1 (0.1)	125 (0.5)	107 (0.4)	232 (0.4)	259 (0.5)	262 (0.5)
Other diseases	...	...	17 (0.2)	21 (0.2)	4 (0.1)	9 (0.1)	19 (0.2)	14 (0.2)	1 (0.1)	—	43 (0.2)	44 (0.2)	87 (0.2)	67 (0.1)	86 (0.2)
(b) Defective hearing															
Grade I—For ordinary class	...	...	47 (0.5)	37 (0.4)	26 (0.3)	17 (0.2)	40 (0.5)	49 (0.5)	2 (0.2)	1 (0.1)	116 (0.4)	107 (0.4)	223 (0.4)	215 (0.4)	265 (0.5)
„ IIa—For front seat	...	...	4 (0.0)	4 (0.0)	14 (0.2)	4 (0.1)	24 (0.3)	21 (0.2)	2 (0.2)	1 (0.1)	45 (0.2)	31 (0.1)	76 (0.1)	87 (0.2)	125 (0.2)
„ IIb—For class for semi-deaf	...	...	—	—	—	—	—	—	—	—	—	—	—	4 (0.0)	12 (0.0)
„ III—For deaf class	...	...	1 (0.0)	—	—	—	—	—	—	—	1 (0.0)	—	1 (0.0)	3 (0.0)	11 (0.0)
Totals	...	...	112 (1.2)	100 (1.1)	85 (1.1)	57 (0.8)	119 (1.4)	122 (1.3)	6 (0.5)	3 (0.3)	330 (1.2)	289 (1.1)	619 (1.1)	635 (1.2)	761 (1.5)

\* The record of defective vision applies to the better eye, and is with spectacles if worn at examination. The figures do not include entrants, as they cannot be examined by means of test types. The percentages given, therefore, relate to the children outwith the entrants group: 36,212 children in all—23 cases fewer than the total number examined outwith the "entrants" age group. (See, however, Appendix IIb, page 51, for the results of examination of children born in 1953).



TABLE II—Continued

Age Groups	Entrants.		2nd age group.		3rd age group.		4th age group.		All ages.		1961	1960	1959
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Totals.	Totals.	Totals.
10. SPEECH													
Defective articulation ...	151 (1.6)	70 (0.8)	38 (0.5)	16 (0.2)	7 (0.1)	10 (0.1)	—	—	198 (0.7)	96 (0.4)	294 (0.5)	327 (0.6)	436 (0.9)
Stammering ...	20 (0.2)	4 (0.0)	20 (0.3)	3 (0.0)	27 (0.3)	6 (0.1)	2 (0.2)	1 (0.1)	70 (0.3)	14 (0.1)	84 (0.2)	83 (0.2)	94 (0.2)
Totals ...	171 (1.9)	74 (0.8)	58 (0.7)	19 (0.3)	34 (0.4)	16 (0.2)	2 (0.2)	1 (0.1)	268 (1.0)	110 (0.4)	378 (0.7)	410 (0.8)	530 (1.0)
11. MENTAL AND NERVOUS CONDITION													
Backward ...	7 (0.1)	5 (0.1)	10 (0.1)	1 (0.0)	—	1 (0.0)	—	—	18 (0.1)	7 (0.0)	25 (0.0)	28 (0.1)	27 (0.1)
Dull ...	—	—	11 (0.1)	1 (0.0)	—	—	—	—	11 (0.0)	1 (0.0)	12 (0.0)	18 (0.0)	7 (0.0)
Mentally handicapped (educable)	—	—	—	—	—	—	—	—	—	—	1 (0.0)	1 (0.0)	3 (0.0)
" " (ineducable)	—	—	—	—	—	—	—	—	—	—	—	—	—
Highly nervous ...	31 (0.3)	29 (0.3)	31 (0.4)	13 (0.2)	5 (0.1)	12 (0.1)	—	—	68 (0.2)	56 (0.2)	124 (0.2)	99 (0.2)	94 (0.2)
Difficult in behaviour ...	2 (0.0)	1 (0.0)	2 (0.0)	3 (0.0)	2 (0.0)	3 (0.0)	—	—	6 (0.0)	7 (0.0)	13 (0.0)	14 (0.0)	14 (0.0)
Epilepsy (Mild) ...	16 (0.2)	13 (0.1)	8 (0.1)	10 (0.1)	14 (0.2)	18 (0.2)	2 (0.2)	2 (0.2)	40 (0.1)	44 (0.2)	84 (0.2)	71 (0.1)	72 (0.1)
" (Severe) ...	—	—	1 (0.0)	—	—	1 (0.0)	—	—	1 (0.0)	1 (0.0)	2 (0.0)	7 (0.0)	8 (0.0)
Totals ...	56 (0.6)	48 (0.5)	63 (0.9)	29 (0.4)	21 (0.2)	35 (0.4)	2 (0.2)	2 (0.2)	144 (0.5)	117 (0.4)	261 (0.5)	238 (0.4)	225 (0.4)



## 12. CIRCULATORY SYSTEM

### (a) Organic Heart Disease

Congenital ...	...	39 (0.4)	47 (0.5)	18 (0.2)	21 (0.3)	17 (0.2)	16 (0.2)	4 (0.3)	1 (0.1)	79 (0.3)	87 (0.3)	166 (0.3)	152 (0.3)	144 (0.3)
Acquired ...	...	8 (0.1)	7 (0.1)	4 (0.1)	6 (0.1)	19 (0.2)	32 (0.3)	6 (0.5)	1 (0.1)	38 (0.1)	47 (0.2)	85 (0.2)	63 (0.1)	87 (0.2)
Functional Conditions ...	...	116 (1.3)	88 (1.0)	39 (0.5)	43 (0.6)	26 (0.3)	60 (0.7)	4 (0.3)	9 (1.0)	188 (0.7)	203 (0.8)	391 (0.7)	427 (0.8)	397 (0.8)
Totals ...	...	163 (1.8)	142 (1.6)	61 (0.8)	70 (1.0)	62 (0.7)	108 (1.2)	14 (1.2)	11 (1.2)	305 (1.1)	337 (1.3)	642 (1.2)	642 (1.2)	628 (1.2)

## 13. LUNGS

Chronic Bronchitis ...	...	10 (0.1)	8 (0.1)	10 (0.1)	5 (0.1)	6 (0.1)	7 (0.1)	—	1 (0.1)	26 (0.1)	22 (0.1)	48 (0.1)	75 (0.1)	86 (0.2)
Suspected Tuberculosis ...	...	8 (0.1)	9 (0.1)	18 (0.2)	5 (0.1)	9 (0.1)	21 (0.2)	—	—	35 (0.1)	41 (0.2)	76 (0.1)	50 (0.1)	55 (0.1)
Catarrh ...	...	400 (4.4)	364 (4.1)	207 (2.7)	147 (2.0)	86 (1.0)	153 (1.7)	4 (0.3)	7 (0.8)	706 (2.6)	680 (2.5)	1,386 (2.6)	1,378 (2.6)	1,462 (2.9)
Other diseases ...	...	10 (0.1)	4 (0.0)	8 (0.1)	4 (0.1)	11 (0.1)	4 (0.0)	—	—	29 (0.1)	12 (0.0)	41 (0.1)	40 (0.1)	43 (0.1)
Totals ...	...	428 (4.7)	385 (4.4)	243 (3.1)	161 (2.2)	112 (1.3)	185 (2.0)	4 (0.3)	8 (0.9)	796 (2.9)	755 (2.8)	1,551 (2.9)	1,543 (2.9)	1,646 (3.3)

## 14. DEFORMITIES

(a) Congenital ...	...	87 (0.9)	53 (0.6)	49 (0.6)	34 (0.5)	41 (0.5)	45 (0.5)	4 (0.3)	2 (0.2)	185 (0.7)	137 (0.5)	322 (0.6)	238 (0.4)	269 (0.5)
(b) Acquired ...	...	13 (0.1)	8 (0.1)	15 (0.2)	12 (0.2)	12 (0.1)	14 (0.2)	2 (0.2)	2 (0.2)	45 (0.2)	36 (0.1)	81 (0.1)	95 (0.2)	90 (0.2)
Infantile Paralysis ...	...	33 (0.4)	20 (0.2)	10 (0.1)	5 (0.1)	14 (0.2)	3 (0.0)	—	—	58 (0.2)	28 (0.1)	86 (0.2)	76 (0.1)	119 (0.2)
Probable Rickets ...	...	5 (0.1)	7 (0.1)	1 (0.0)	2 (0.0)	1 (0.0)	1 (0.0)	—	—	7 (0.0)	11 (0.0)	18 (0.0)	14 (0.0)	9 (0.0)
Cerebral Palsy ...	...	119 (1.3)	76 (0.9)	98 (1.3)	105 (1.4)	128 (1.5)	130 (1.4)	15 (1.2)	4 (0.4)	369 (1.3)	322 (1.2)	691 (1.3)	624 (1.2)	617 (1.2)
Other causes ...	...	257 (2.8)	164 (1.9)	173 (2.2)	158 (2.2)	196 (2.2)	193 (2.1)	21 (1.7)	8 (0.9)	664 (2.4)	534 (2.0)	1,198 (2.2)	1,047 (2.0)	1,104 (2.2)
Totals ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE II—Continued.

Age Groups	...	...	Entrants.		2nd age group.		3rd age group.		4th age group.		All ages.		1961	1960	1959
			Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Totals.	Totals.	Totals.
15. INFECTIOUS DISEASES	...	...	8 (0.1)	7 (0.1)	2 (0.0)	2 (0.0)	2 (0.0)	1 (0.0)	—	—	12 (0.0)	10 (0.0)	32 (0.0)	17 (0.0)	14 (0.0)
16. ASTHMA	...	...	53 (0.6)	24 (0.3)	56 (0.7)	24 (0.3)	35 (0.4)	23 (0.3)	6 (0.5)	5 (0.5)	153 (0.6)	82 (0.3)	235 (0.4)	271 (0.5)	270 (0.5)
17. DIABETES	...	...	1 (0.0)	1 (0.0)	1 (0.0)	2 (0.0)	—	5 (0.1)	—	—	2 (0.0)	9 (0.0)	11 (0.0)	8 (0.0)	13 (0.0)
18. OTHER DISEASES OR DEFECTS	...	...	428 (4.7)	498 (5.7)	311 (4.0)	375 (5.1)	244 (2.8)	322 (3.5)	14 (1.2)	18 (1.0)	1,015 (3.7)	1,245 (4.6)	2,260 (4.2)	2,010 (3.8)	1,926 (3.8)

# **APPENDIX IIa.—ADDITIONAL INFORMATION REGARDING RESULTS OF SYSTEMATIC EXAMINATIONS.**

Except in respect of the dual information regarding children who wore glasses, no child appears more than once in each section. "Sections" are indicated by horizontal lines across the columns.

Age Groups ... ..	Entrants.		2nd age group.		3rd age group.		4th age group.		All ages.		1961	1960	1959
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Totals.	Totals.	Totals.
Parents present at examination ...	8,576 (93.5)	8,290 (94.3)	4,813 (62.0)	4,891 (66.9)	1,141 (13.0)	1,359 (14.8)	12 (1.0)	22 (2.4)	14,734 (53.7)	14,829 (55.4)	29,563 (54.6)	30,425 (57.1)	30,238 (59.8)
Children notified to parents as requiring treatment :— (a) Defects of clothing and/or cleanliness and trivial caries of the temporary teeth By { Verbally printed notice. Verbally By { printed notice.	1,252 (13.6)	1,297 (14.8)	675 (8.7)	677 (9.3)	314 (3.6)	520 (5.7)	15 (1.2)	25 (2.7)	2,288 (8.3)	2,559 (9.6)	4,847 (8.9)	4,727 (8.9)	4,664 (9.2)
	131 (1.6)	276 (3.1)	198 (2.5)	376 (5.1)	255 (2.9)	572 (6.2)	2 (0.2)	2 (0.2)	605 (2.2)	1,256 (4.7)	1,861 (3.4)	2,033 (3.8)	1,731 (3.4)
	2,116 (23.1)	1,981 (22.5)	1,170 (15.1)	1,221 (16.7)	918 (10.5)	1,456 (15.8)	149 (12.3)	136 (14.6)	4,429 (16.1)	4,899 (18.3)	9,328 (17.2)	8,482 (15.9)	8,120 (16.1)
	983 (10.7)	963 (10.9)	950 (12.2)	872 (11.9)	754 (8.6)	1,049 (11.4)	42 (3.5)	23 (2.5)	2,774 (10.0)	2,971 (11.1)	5,745 (10.6)	6,656 (12.5)	6,420 (12.7)
Children noted for re-inspection :— (a) Defects of clothing, etc. (as above) ... .. (b) Other defects ... ..	820 (8.9)	1,057 (12.0)	542 (7.0)	798 (10.9)	408 (4.7)	1,025 (11.2)	15 (1.2)	22 (2.4)	1,833 (6.7)	2,957 (11.0)	4,790 (8.8)	4,588 (8.6)	4,308 (8.5)
	3,235 (35.3)	3,053 (34.7)	2,350 (30.3)	2,250 (30.8)	1,901 (21.7)	2,931 (31.9)	216 (17.8)	208 (22.3)	7,835 (28.6)	8,632 (32.2)	16,467 (30.4)	16,139 (30.3)	15,956 (31.6)
Children excluded from attendance at school ... ..	26 (0.3)	23 (0.3)	33 (0.4)	17 (0.2)	13 (0.1)	11 (0.1)	—	—	72 (0.3)	52 (0.2)	124 (0.2)	153 (0.3)	129 (0.3)
Children "free from defects" in terms of Table III :— (a) No recorded defect ... .. (b) Defects of clothing only ... .. (c) Defects of cleanliness only ... .. (d) Minor dental defect with or without clothing and/or cleanliness defect(s) ... ..	3,721 (40.6)	3,381 (38.5)	3,887 (50.0)	3,542 (48.5)	6,499 (74.2)	5,565 (60.5)	952 (78.4)	713 (76.5)	15,389 (56.1)	13,514 (50.4)	28,903 (53.4)	28,229 (53.0)	26,022 (51.5)
	1 (0.0)	—	6 (0.1)	1 (0.0)	11 (0.1)	2 (0.0)	—	—	19 (0.1)	3 (0.0)	22 (0.0)	18 (0.0)	16 (0.0)
	73 (0.8)	213 (2.4)	90 (1.2)	319 (4.4)	87 (1.0)	690 (7.5)	—	3 (0.3)	259 (0.9)	1,254 (4.7)	1,513 (2.8)	1,707 (3.2)	1,549 (3.1)
	1,855 (20.2)	1,875 (21.3)	1,212 (15.6)	1,014 (13.9)	—	—	—	—	3,092 (11.3)	2,927 (10.9)	6,019 (11.1)	5,901 (11.1)	5,763 (11.4)

Teeth—	Sound	...	...	5,811 (63·3)	5,543 (63·1)	5,631 (72·5)	5,508 (75·4)	7,085 (80·9)	7,470 (81·3)	1,148 (94·5)	875 (93·9)	20,059 (73·2)	19,840 (74·1)	39,899 (73·7)	39,879 (74·8)	37,128 (73·4)
	One to four decayed			2,728 (29·7)	2,628 (29·9)	1,973 (25·4)	1,658 (22·7)	1,565 (17·9)	1,587 (17·3)	61 (5·0)	50 (5·4)	6,437 (23·5)	6,045 (22·6)	12,482 (23·1)	11,862 (22·3)	11,504 (22·8)
	Five or more decayed			637 (6·9)	618 (7·0)	164 (2·1)	142 (1·9)	101 (1·2)	124 (1·3)	6 (0·5)	7 (0·8)	915 (3·3)	904 (3·4)	1,819 (3·4)	1,560 (2·9)	1,913 (3·8)
Visual acuity (Snellen) :—																
Children who wore glasses at examination	{ With glasses—															
	Good, 6/6 ...															
	Fair, 6/9, 6/12															
	Bad, 6/18, etc.															
	{ Without glasses															
Children not wearing glasses at examination	Good, 6/6 ...															
	Fair, 6/9, 6/12															
	Bad, 6/18, etc.															
	{ See															
	page 45															
Diphtheria Immunisation																
Children not wearing glasses at examination	Partial	...	...	80 (0·9)	71 (0·8)	60 (0·8)	66 (0·9)	32 (0·4)	24 (0·3)	—	—	177 (0·6)	166 (0·6)	343 (0·6)	389 (0·7)	313 (0·6)
	Completed	...	...	5,995 (65·3)	5,911 (67·3)	7,416 (95·5)	6,964 (95·5)	8,403 (95·9)	8,884 (96·7)	1,183 (97·4)	892 (95·7)	23,429 (84·7)	23,176 (86·5)	46,605 (80·1)	45,662 (85·7)	43,040 (85·2)
	Not immunised			3,101 (33·8)	2,807 (31·9)	292 (3·8)	278 (3·8)	316 (3·6)	273 (3·0)	34 (2·8)	40 (4·3)	3,807 (13·9)	3,447 (12·9)	7,254 (13·4)	7,240 (13·6)	7,192 (14·2)
Smallpox Vaccination																
Children not wearing glasses at examination	Successful vaccination			4,393 (47·9)	4,180 (47·6)	3,876 (49·0)	3,686 (50·4)	6,318 (72·1)	6,628 (72·1)	999 (82·2)	795 (85·3)	15,896 (58·0)	15,630 (58·3)	31,526 (58·2)	31,083 (58·3)	30,462 (60·3)
	Successful re-vaccination			4	3	6	3	4	10	3	1	19	18	37	108	117
	Unsuccessful or no vaccination			4,779 (52·1)	4,606 (52·4)	3,886 (50·0)	3,619 (49·5)	2,429 (27·7)	2,543 (27·7)	213 (17·5)	136 (14·6)	11,496 (41·9)	11,141 (41·6)	22,637 (41·7)	22,109 (41·5)	19,986 (30·5)

# **APPENDIX IIb.—VISUAL ACUITY OF CHILDREN BORN IN 1953.**

See Report for 1959, page 72.

The partial examination of children approximately 7 years old was again included in the annual scheme of systematic medical inspection of school children at the request of the Department of Health for Scotland. On this occasion, however, only the visual acuity of the children was tested by the nurses as the hearing of this group was being tested by audiometricians in connection with the audiometric survey scheme.

Detailed results of the eyesight testing during the period are given below under the relative sub-headings, and columns of 1960 and 1959 totals are also supplied for purpose of comparison.

## VISUAL ACUITY.

### *Result of Eyesight (Snellen) Test.*

		No. and percentage			1960	1959
		Boys	Girls	Totals	Totals	Totals
Children who wore glasses at examination.	With Glasses—					
	Good, 6/6 ...	148 (2.0)	160 (2.3)	308 (2.2)	314 (2.2)	391 (2.6)
	Fair, 6/9, 6/12 ...	196 (2.7)	209 (3.0)	405 (2.8)	528 (3.6)	418 (2.8)
	Bad, 6/18, etc. ...	61 (0.8)	57 (0.8)	118 (0.8)	94 (0.6)	67 (0.4)
	Without Glasses—					
	Good, 6/6 ...	65 (0.9)	93 (1.3)	158 (1.1)	136 (0.9)	157 (1.0)
Children not wearing glasses at examination	Fair, 6/9, 6/12 ...	179 (2.4)	167 (2.4)	346 (2.4)	394 (2.7)	386 (2.5)
	Bad, 6/18, etc. ...	161 (2.2)	166 (2.4)	327 (2.3)	406 (2.7)	333 (2.2)
	Good, 6/6 ...	5,161 (70.0)	4,782 (69.0)	9,943 (69.5)	9,922 (67.9)	10,525 (69.4)
	Fair, 6/9, 6/12 ...	1,440 (19.5)	1,507 (20.3)	2,947 (19.9)	3,121 (21.3)	2,856 (18.8)
	Bad, 6/18, etc. ...	367 (5.0)	317 (4.6)	684 (4.8)	625 (4.3)	911 (6.0)
	Totals ...	7,373	7,032	14,405	14,604	15,168



*Summary of findings* (taking the better eye and with spectacles if worn at examination :—

				No. and percentage.			1960	1959
				Boys	Girls	Totals	Totals	Totals
Good, 6/6 ... ..	...	...	...	5,309	4,942	10,251	10,236	10,916
				(72.0)	(71.3)	(71.7)	(70.1)	(72.0)
Fair, 6/9, 6/12 ... ..	...	...	...	1,636	1,716	3,352	3,649	3,274
				(22.2)	(23.2)	(22.7)	(25.1)	(21.6)
Bad, 6/18, etc. ... ..	...	...	...	428	374	802	719	978
				(5.8)	(5.4)	(5.6)	(4.9)	(6.4)
Totals ... ..	...	...	...	7,373	7,032	14,405	14,604	15,168

Of those with defective eyesight, 998 (518 boys and 480 girls) were recommended for refraction or for re-test.

## APPENDIX IIc.—AVERAGE MEASUREMENTS OF SCHOOL CHILDREN

The averages for age, height and weight of children in the four age-groups measured at routine inspection during the year 1960-61 are given below with comments.

### PUPILS AGED SIXTEEN YEARS

Details of the average measurements in this age-group are as follows :—

	Non-transferred		Transferred		All	
	Boys	Girls	Boys	Girls	Boys	Girls
Number examined ... ..	769	578	160	116	929	694
Average age (in months beyond year of age) ... ..	6.05	6.12	6.55	6.09	6.14	6.12
Height (in inches) ... ..	66.77	63.49	66.86	62.36	67.61	63.30
Weights (in pounds) ... ..	137.07	123.39	133.02	120.96	136.37	122.98

### PUPILS IN OTHER AGE-GROUPS

On page 54 is a table showing the averages of 5, 9 and 13 year-olds in 1961 and the relative average measurements adjusted to the uniform ages of 5 years 4 months, 9 years 5 months and 13 years 5 months for that school year and for each of the previous school years back to



1952. To simplify the study of those adjusted measurements, the highest in each column is printed in **heavy** type and the second highest in *italics*.

The findings may be summarised thus :—

(1) PUPILS AGED FIVE YEARS.

(a) BOYS. For height, in two out of the three columns the second highest point was reached, and for weight, the highest point was reached in each column.

(b) GIRLS. The measurements were improved in each series and only the height of transferred pupils failed to reach even the second highest figure in that particular column.

(2) PUPILS AGED NINE YEARS.

(a) BOYS. Improved average measurements were recorded in each series and only the “ All ” height failed to reach even the second highest position.

(b) GIRLS. In five of the six columns the highest point was attained and in the remaining column (height of non-transferred pupils) the second highest place in the series was reached.

(3) PUPILS AGED THIRTEEN YEARS.

(a) BOYS. Highest place was reached in each series.

(b) GIRLS. Highest place was reached in five instances and the second highest in the remaining column.

**Numbers, Average Ages and Measurements of Children of 5, 9 and 13 years of age within the Groups examined during Systematic Inspection.**  
(The highest "adjusted" average in each column is in black type and the second in *italics*.)

AGE.		5 YEARS.						9 YEARS.						13 YEARS.						
Type of School		Non-transf'd		Transferred		All		Non-transf'd		Transferred		All		Non-transf'd		Transferred		All		
No. of Boys & Age (months)*	Actual Average Measurements	5,564 (3-69)		3,065 (4-07)		8,629 (3-83)		4,502 (5-64)		2,271 (5-27)		6,773 (5-52)		5,348 (5-60)		2,165 (5-49)		7,513 (5-57)		
		Ht. ins.	Wt. lbs.	Ht. ins.	Wt. lbs.	Ht. ins.	Wt. lbs.	Ht. ins.	Wt. lbs.	Ht. ins.	Wt. lbs.	Ht. ins.	Wt. lbs.	Ht. ins.	Wt. lbs.	Ht. ins.	Wt. lbs.	Ht. ins.	Wt. lbs.	
42-71		42-73	42-47	42-36	42-63	42-60	51-87	64-73	51-39	63-28	51-71	64-25	60-05	97-38	59-30	94-13	59-91	96-44		
42-76		42-80	42-46	42-34	42-65	42-64	51-77	64-44	51-35	63-16	51-63	64-01	60-04	96-91	59-20	93-74	59-80	95-99		
42-60		42-37	42-47	42-17	42-56	42-30	51-75	64-45	51-24	62-57	51-58	63-82	60-04	96-01	59-16	93-00	59-70	95-17		
42-79		42-72	42-44	42-11	42-67	42-51	51-81	64-30	51-33	62-50	51-66	63-73	60-01	95-86	58-99	92-62	59-70	94-88		
42-70		42-61	42-62	42-29	42-67	42-50	51-81	64-37	51-26	62-23	51-64	63-71	59-98	95-97	58-95	92-21	59-70	94-96		
42-66		42-62	42-35	42-08	42-59	42-44	51-77	64-43	51-24	62-61	51-60	63-86	59-66	94-24	58-87	91-58	59-47	93-49		
42-56		42-64	42-31	41-87	42-48	42-38	51-60	63-97	51-08	62-13	51-45	63-42	59-39	92-85	58-56	89-83	59-13	91-91		
42-51		42-48	42-27	41-79	42-43	42-26	51-56	63-77	50-94	62-10	51-37	63-26	59-30	92-65	58-43	89-73	59-04	91-78		
42-53		42-32	42-19	41-49	42-43	42-05	51-63	63-81	50-85	61-63	51-40	63-16	59-27	91-85	58-40	88-90	59-01	90-93		
42-59		42-27	42-23	41-61	42-48	42-07	51-38	62-55	50-83	61-13	51-22	62-14	59-20	91-25	58-40	88-13	58-96	90-33		
42-65		42-30	42-07	41-31	42-49	42-02	51-38	62-30	50-84	60-93	51-22	61-90	59-16	90-90	58-25	87-29	58-88	89-80		
1961—		42-36	41-31	42-18	41-03	42-30	41-24	51-60	64-31	51-14	62-50	51-44	63-70	60-45	102-65	59-86	100-88	60-27	102-12	
Adjusted Average Measurements		42-38	41-37	42-16	40-98	42-30	41-24	51-41	63-74	51-01	62-12	51-27	63-20	60-35	102-01	59-78	100-40	60-17	101-52	
1960—		42-37	41-31	42-08	40-49	42-27	41-01	51-34	63-12	50-70	61-23	51-11	62-46	60-05	101-82	59-49	98-41	60-07	100-85	
1959—		42-35	41-14	42-18	40-58	42-29	40-95	51-36	62-92	50-89	60-95	51-21	62-28	60-36	100-64	59-60	98-31	60-14	99-96	
1958—		42-38	41-27	42-17	40-64	42-31	41-06	51-46	63-18	50-80	60-93	51-25	62-44	60-21	100-27	59-31	97-22	59-96	99-40	
1957—		42-31	41-23	42-11	40-79	42-22	41-04	51-32	63-09	50-80	61-59	51-16	62-62	60-13	99-81	59-38	97-10	59-90	98-98	
1956—		42-16	41-17	41-91	40-13	42-13	40-94	51-17	62-76	50-57	60-57	50-99	62-11	59-94	97-92	59-09	95-24	59-67	97-12	
1955—		42-13	41-16	41-80	40-17	42-02	40-83	51-06	62-35	50-56	60-75	50-91	61-88	59-83	96-80	58-84	94-43	59-51	96-03	
1954—		42-18	41-03	41-75	39-97	42-04	40-69	51-06	61-76	50-30	59-48	50-83	61-08	59-75	96-40	58-94	93-34	59-48	95-41	
1953—		42-26	40-73	41-95	40-13	42-16	40-54	50-91	60-89	50-22	58-66	50-73	60-24	59-76	94-87	58-78	93-00	59-45	94-29	
1952—		42-21	40-74	41-72	39-69	42-07	40-41	50-83	60-27	50-15	58-49	50-62	59-72	59-70	95-33	58-43	91-25	59-32	94-12	
No. of Girls & Age (months)*		5,395 (3-90)		2,948 (4-19)		8,343 (4-00)		4,100 (6-10)		2,061 (5-74)		6,161 (5-98)		5,475 (5-71)		2,387 (5-53)		7,862 (5-65)		
Actual Average Measurements		42-36	41-31	42-18	41-03	42-30	41-24	51-60	64-31	51-14	62-50	51-44	63-70	60-45	102-65	59-86	100-88	60-27	102-12	
1961—		42-38	41-37	42-16	40-98	42-30	41-24	51-41	63-74	51-01	62-12	51-27	63-20	60-35	102-01	59-78	100-40	60-17	101-52	
Adjusted Average Measurements		42-37	41-31	42-08	40-49	42-27	41-01	51-34	63-12	50-70	61-23	51-11	62-46	60-05	101-82	59-49	98-41	60-07	100-85	
1960—		42-35	41-14	42-18	40-58	42-29	40-95	51-36	62-92	50-89	60-95	51-21	62-28	60-36	100-64	59-60	98-31	60-14	99-96	
1959—		42-38	41-27	42-17	40-64	42-31	41-06	51-46	63-18	50-80	60-93	51-25	62-44	60-21	100-27	59-31	97-22	59-96	99-40	
1958—		42-31	41-23	42-11	40-79	42-22	41-04	51-32	63-09	50-80	61-59	51-16	62-62	60-13	99-81	59-38	97-10	59-90	98-98	
1957—		42-16	41-17	41-91	40-13	42-13	40-94	51-17	62-76	50-57	60-57	50-99	62-11	59-94	97-92	59-09	95-24	59-67	97-12	
1956—		42-13	41-16	41-80	40-17	42-02	40-83	51-06	62-35	50-56	60-75	50-91	61-88	59-83	96-80	58-84	94-43	59-51	96-03	
1955—		42-18	41-03	41-75	39-97	42-04	40-69	51-06	61-76	50-30	59-48	50-83	61-08	59-75	96-40	58-94	93-34	59-48	95-41	
1954—		42-26	40-73	41-95	40-13	42-16	40-54	50-91	60-89	50-22	58-66	50-73	60-24	59-76	94-87	58-78	93-00	59-45	94-29	
1953—		42-21	40-74	41-72	39-69	42-07	40-41	50-83	60-27	50-15	58-49	50-62	59-72	59-70	95-33	58-43	91-25	59-32	94-12	

\* Beyond years of age given at head of sections.



**TABLE III.—SYSTEMATIC MEDICAL EXAMINATION OF  
ACCORDING TO REMEDIABILITY OF THE MAJOR**

CLASSIFICATION	No. OF CHILDREN EACH GROUP (AND					
	Entrants			Second Age Group		
	Boys	Girls	Total	Boys	Girls	Total
I. Children free from defects ... ..	5,650 (61.6)	5,469 (62.2)	11,119 (61.9)	5,195 (66.9)	4,876 (66.7)	10,071 (66.8)
II. Children (otherwise free from defects) who suffer from—						
(a) Defective vision not worse than 6/12 in the better eye with or without glasses; or ... ..	3 (0.0)	4 (0.0)	7 (0.0)	469 (6.0)	456 (6.2)	925 (6.1)
(b) Oral Sepsis ... ..	83 (0.9)	86 (1.0)	169 (0.9)	58 (0.7)	60 (0.8)	118 (0.8)
(c) Both (a) and (b) ... ..	—	—	—	5 (0.1)	—	5 (0.0)
Totals ... ..	86 (0.9)	90 (1.0)	176 (1.0)	532 (6.8)	516 (7.1)	1,048 (7.0)
III. Children suffering from ailments (other than those mentioned in II) from which complete recovery is anticipated within a few weeks ...	1,743 (18.9)	1,731 (19.7)	3,474 (19.3)	996 (12.8)	946 (12.9)	1,942 (12.9)
IV. Children suffering from (or suspected to be suffering from) defects less remediable than defects specified in II or III, distinguishing cases—						
(a) Where complete cure or restora- tion of function (in the case of eye defect, full correction) is considered possible ... ..	1,240 (13.5)	1,157 (13.2)	2,397 (13.3)	706 (9.1)	715 (9.8)	1,421 (9.4)
(b) Where improvement only is considered possible, <i>e.g.</i> , without complete restoration of function	438 (4.8)	331 (3.8)	769 (4.3)	324 (4.2)	249 (3.4)	573 (3.8)
Totals ... ..	1,678 (18.3)	1,488 (16.9)	3,166 (17.6)	1,030 (13.2)	964 (13.2)	1,994 (13.3)
V. Children suffering from defects from which improvement is not considered possible ... ..	19 (0.2)	11 (0.1)	30 (0.2)	15 (0.2)	6 (0.1)	21 (0.1)
Total numbers of children examined ...	9,176	8,789	17,965	7,768	7,308	15,076

\* Includes 1,080 children

*CHILDREN IN ORDINARY SCHOOLS. CLASSIFICATION  
DEFECTS FOUND IN THE INDIVIDUAL CHILD.*

EXAMINED IN PERCENTAGES).						NO. OF CHILDREN EXAMINED (AND PERCENTAGES).				
Third Age Group			Fourth Age Group			* All Ages Totals, 1961			Totals, 1960	Totals, 1959
Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total		
6,597 (75.4)	6,257 (68.1)	12,854 (71.7)	952 (78.4)	716 (76.8)	1,668 (77.7)	18,759 (68.4)	17,698 (66.1)	36,457 (67.4)	35,855 (67.3)	33,350 (66.0)
540 (6.2)	602 (6.6)	1,142 (6.4)	113 (9.3)	63 (6.8)	176 (8.2)	1,146 (4.2)	1,154 (4.3)	2,300 (4.3)	2,527 (4.7)	2,367 (4.7)
44 (0.5)	174 (1.9)	218 (1.2)	3 (0.2)	10 (1.0)	13 (0.6)	191 (0.7)	333 (1.2)	524 (1.0)	502 (0.9)	479 (0.9)
1 (0.0)	14 (0.2)	15 (0.1)	—	3 (0.3)	3 (0.1)	6 (0.0)	18 (0.1)	24 (0.0)	21 (0.0)	21 (0.0)
585 (6.7)	790 (8.6)	1,375 (7.7)	116 (9.5)	76 (8.2)	192 (8.9)	1,343 (4.9)	1,505 (5.6)	2,848 (5.3)	3,050 (5.7)	2,867 (5.7)
714 (8.2)	1,050 (11.4)	1,764 (9.8)	65 (5.3)	72 (7.7)	137 (6.4)	3,565 (13.0)	3,871 (14.4)	7,436 (13.7)	7,235 (13.6)	7,229 (14.3)
497 (5.7)	679 (7.4)	1,176 (6.6)	42 (3.5)	47 (5.0)	89 (4.1)	2,523 (9.2)	2,662 (9.9)	5,185 (9.6)	4,922 (9.2)	4,824 (9.5)
345 (3.9)	387 (4.2)	732 (4.1)	39 (3.2)	21 (2.3)	60 (2.8)	1,172 (4.3)	1,018 (3.8)	2,190 (4.0)	2,139 (4.0)	2,212 (4.4)
842 (9.6)	1,066 (11.6)	1,908 (10.6)	81 (6.7)	68 (7.3)	149 (6.9)	3,695 (13.5)	3,680 (13.7)	7,375 (13.6)	7,061 (13.2)	7,036 (13.9)
13 (0.1)	18 (0.2)	31 (0.2)	1 (0.1)	—	1 (0.0)	49 (0.2)	35 (0.1)	84 (0.2)	100 (0.2)	63 (0.1)
8,751	9,181	17,932	1,215	932	2,147	27,411	26,789	54,200	53,301	50,545

outwith normal Age Groups.

### **APPENDIX IIIa.—INSPECTION OF SPECIAL CASES ("NON-ROUTINES" AND "ABNORMALS").**

DEFECTS FOUND IN CHILDREN PRESENTED FOR MEDICAL INSPECTION AS "NON-ROUTINES"—16,791 children were presented for "non-routine" inspection (generally on account of defect observed or suspected by teachers); 14,757 of these were pupils in ordinary schools and 2,034 in special schools.

Some of these children were found on examination to have more than one defect. The individual results were: nits minor, 712; nits major and/or vermin, 240; skin condition, 1,697; eye conditions (including defective vision), 4,714; ear, nose and throat defects, 1,353; "general" defects, 6,419; defective teeth, 272; no apparent disease, 199; and other causes, 1,185.

RE-INSPECTION BY MEDICAL OFFICERS OF "ABNORMALS."—The total number of re-inspections was 17,465. Of these, 7,605 (43·5 *per cent.*) were found to be receiving treatment at the school clinics, 4,870 (27·9 *per cent.*) were being treated elsewhere, 3,419 (19·6 *per cent.*) did not require treatment, and 1,571 (9·0 *per cent.*) had not had the necessary treatment provided. These last were unimportant cases or were reported for "following up" by other methods.

(Details of "non-routine" and "abnormal" cases examined in Nursery Schools are given on page 75).

### **APPENDIX IIIb.—OTHER SPECIAL INSPECTIONS.**

(a) LEAVING INTERVIEWS.—These were granted in order to bring medical records up-to-date and to give advice, in some cases, regarding unsuitability for certain occupations—9,430 pupils presented themselves.

(b) HOLIDAY CAMPS, EXCURSIONS, ETC.—Arrangements were again made for inspection of pupils attending schools, junior clubs, and play centres who had been proposed for holiday camps in the summer. Similar arrangements were made in connection with pupils proceeding on educational excursions and on holidays abroad.



(i) *School, Junior Club and Play Centre Holiday Camps (June-July, 1961).*

	Boys		Girls	
	Preliminary Inspection	Final Inspection	Preliminary Inspection	Final Inspection
	No. and %	No. and %	No. and %	No. and %
Fit ... ..	2,472 (93.1)	3,173 (98.6)	1,850 (84.6)	2,581 (97.4)
*Fit ? ... ..	166 (6.3)	6 (0.2)	315 (14.4)	4 (0.2)
Unfit ... ..	18 (0.7)	39 (1.2)	20 (0.9)	66 (2.5)
Totals ...	2,656	3,218	2,185	2,651

\* Doubtful fitness.

(ii) *Educational Excursions and Holidays at home and abroad (Spring and Summer, 1961).*

	Boys.		Girls.	
	Preliminary Inspection	Final or Only Inspection	Preliminary Inspection	Final or Only Inspection
	No. and %	No. and %	No. and %	No. and %
Fit ... ..	778 (94.0)	2,228 (98.5)	723 (93.4)	2,510 (97.4)
*Fit ... ..	46 (5.6)	21 (0.9)	46 (5.9)	26 (1.0)
Unfit ... ..	4 (0.5)	14 (0.6)	5 (0.6)	40 (1.6)
Total ...	828	2,263	747	2,576

\* Doubtful fitness.

### APPENDIX IIIc.—CLEANLINESS INSPECTION IN SCHOOLS BY NURSES

See Report for 1959, page 83.

Compared with the previous Session, the Cleanliness Inspectresses reported some improvement among the boys and girls in respect of the major condition at both inspections. With regard to the minor defect (" nits ") only the girls at re-inspection showed any improvement.

	Boys		Girls	
	1961.	1960.	1961.	1960.
<i>First Inspections.</i>				
Examined ...	61,563	61,508	62,815	62,754
Infested ...	435 (0.7)	436 (0.7)	1,615 (2.6)	1,833 (2.9)
Infected ...	2,542 (4.1)	2,465 (4.0)	8,650 (13.8)	8,155 (13.0)
<i>Re-inspections.</i>				
Examined	13,287	12,708	25,735	22,362
Infested ...	386 (2.9)	382 (3.0)	2,177 (8.5)	2,340 (10.5)
Infected ...	2,587 (19.5)	2,370 (18.6)	10,852 (42.2)	9,779 (43.7)

In 225 instances, formal notices to cleanse children within 24 hours were issued, mainly by Cleanliness Inspectresses and Senior Woman Assistants. On re-inspection, 96 were found to have been cleansed at home by the parents and 94 to have been compulsorily disinfested at school or clinic.

Under Section 52 of the Education (Scotland) Act, 1946, 16 cases were referred to the Procurator Fiscal during the course of the year. Of that total 2 were admonished, and on the remainder fines were imposed as follows :—2 of £2, 10 of £1 and 2 of 10s.

#### **APPENDIX IIId.**—CLEANLINESS SUPERVISION BY SENIOR WOMAN ASSISTANTS (ASSISTED BY WELFARE ATTENDANTS) AT SELECTED SCHOOLS.

See Report for 1959, page 85.

The following table gives the percentages of children in the 24 selected schools found to be " clean and well-cared for in every respect " at two general inspections during the Session.

	First Inspection		Second Inspection	
	Boys.	Girls.	Boys.	Girls.
Six original schools (January, 1941) ...	85.1	74.8	84.8	71.2
All twenty-four selected schools ... ..	85.8	77.3	89.8	79.2

In the *six original schools* the girls' percentage at first inspection had only been exceeded once previously (in 1958) but that of the boys was unimproved. At second inspection the boys showed a slight improvement over the previous year ; the girls, however, were unimproved.

For *all selected schools* the girls at both inspections showed considerable improvement, the percentages having been exceeded only once previously (in 1958). The boys showed some improvement at the second inspection.

**TABLE IV.—RETURN OF ALL EXCEPTIONAL CHILDREN  
OF SCHOOL AGE IN THE AREA.**

Disability	(a)	(b)	(c)	Totals
	At Special schools or classes	At no school or institution	At hospital or other institution	
1. BLIND ... ..	7	—	30	37
2. PARTIALLY SIGHTED—				
(a) Refractive errors in which the curriculum of an ordinary school would adversely affect the eye condition	12	—	—	12
(b) Other conditions of the eye, <i>e.g.</i> , cataract, ulceration, etc., which render the child unable to read ordinary school books or to see well enough to be taught in an ordinary school ... ..	40	—	—	40
3. DEAF—Grade IIB ... ..	63	—	—	63
Grade III ... ..	90	—	—	90
4. DEFECTIVE SPEECH				
(a) Defects of articulation requiring special educational measures ... ..	3	—	—	3
(b) Stammering requiring special educational measures ... ..				
5. MENTALLY HANDICAPPED— (Children between 5 and 16 years)—				
(a) Educable (I.Q. approx. 50-70) ... ..	2,523	—	114	2,637
(b) Ineducable (I.Q. generally less than 50) ... ..	464	70	120	654
6. EPILEPSY—				
(a) Mild and occasional ... ..	45	—	10	55
(b) Severe (suitable for care in a residential school) ... ..				
7. PHYSICALLY HANDICAPPED— (Children between 6 and 16 years)—				
(a) Non - pulmonary tuberculosis (excluding cervical glands) ... ..	29	—	—	29
(b) General orthopaedic conditions ... ..	167	*9	47	223
(c) Organic heart disease ... ..	28	*2	—	30
(d) Other causes of ill-health	138	*29	40	207

\* Home Tuition cases.

8. MULTIPLE DEFECTS (included in the figures on the previous page)—  
Children between 5 and 16 years of age :—

(a) *Mentally handicapped*

and physically handicapped as listed :—

	At Special Schools (Educable)	At Occup. Centres (Ineducable but trainable)	At no school or institution (Ineducable)	At hospital or other institution (Ineducable)
(i) blind ... ..	1	3	5	7
(ii) partially sighted ...	6	25	1	3
(iii) deaf ... ..	—	1	—	—
(iv) partially deaf ...	26	12	1	1
(v) defective speech (severe) ... ..	11	13	4	19
(vi) epilepsy ... ..	58	52	17	26
(vii) non-pulmonary tuberculosis (excl. cervical glands) ... ..	3	2	—	—
(viii) infantile paralysis	5	—	—	—
(ix) cerebral palsy ...	21	28	6	2
(x) other orthopaedic defects ... ..	13	8	17	25
(xi) organic heart disease ... ..	10	20	—	—
(xii) chronic bronchitis	8	10	—	—
(xiii) anaemia and debility	8	5	1	—
(xiv) mongolism ... ..	3	133	3	10
(xv) other causes of ill-health ... ..	73	62	2	—
	<u>246</u>	<u>374</u>	<u>57</u>	<u>93</u>

(b) *Physically handicapped only*

at special schools 107

**TABLE V.—DENTAL INSPECTION AND TREATMENT.**

DENTAL INSPECTION.

(1) NUMBER OF CHILDREN INSPECTED BY THE DENTAL OFFICERS.				1961			1960	1959
AGE				System- atic Exam- inations	Other Cases	Totals	Totals	Totals
4	...	...	...	7	—	7	14	21
5	...	...	...	5,388	—	5,388	6,056	5,792
6	...	...	...	6,117	—	6,117	7,124	6,610
7	...	...	...	5,869	—	5,869	6,765	6,425
8	...	...	...	5,673	—	5,673	6,696	6,763
9	...	...	...	5,328	—	5,328	6,778	6,503
10	...	...	...	5,576	—	5,576	6,589	6,920
11	...	...	...	5,283	—	5,283	7,117	7,352
12	...	...	...	2,091	—	2,091	2,639	2,886
13	...	...	...	17	—	17	24	39
14	...	...	...	11	—	11	76	98
15	...	...	...	5	—	5	74	83
Totals	...	...	...	41,365	—	41,365	49,954	49,492
(1A)	No. of schools in- spected	...	...	91	—	91	111	108
(1B)	Half-days spent at inspection	...	...	237	—	237	281	266
(2)	Found to require treatment	...	...	33,398 (80.7%)	—	33,398 (80.7%)	39,205 (78.5%)	39,103 (79.0%)
(2A)	Number of children accepting treatment	...	...	11,585 (34.7%)	—	11,585 (34.7%)	14,231 (36.3%)	13,634 (34.2%)
(2B)	Cards not returned or returned blank	...	...	912 (2.7%)	—	912 (2.7%)	1,090 (2.8%)	1,257 (3.2%)
(2C)	Promised private treatment	...	...	20,901 (62.6%)	—	20,901 (62.6%)	23,884 (60.9%)	24,482 (62.6%)

# DENTAL TREATMENT.

	1961			1960	1959
	System- atic Exam- inations	Other* Cases	Totals	Totals	Totals
(3) Actually treated by the school dental officers—					
(a) ordinary ... ..	10,327	3,830	14,157	15,160	16,328
(b) for orthodontic purposes ... ..	30	53	83	101	not available
(3A) Number of the above cases where treatment was completed—					
(a) ordinary ... ..	6,409 (62.1%)	2,035 (53.1%)	8,444 (59.6%)	9,164 (60.4%)	9,769 (59.8%)
(b) for orthodontic purposes ... ..	54	82	136†	160†	not available
(4) Number of attendances for treatment—					
(a) ordinary ... ..	31,924	12,184	44,108	46,997	50,277
(b) for orthodontic purposes ... ..	225	469	694	698	not available
(4A) Attendances, but treatment not given—					
(a) ordinary ... ..	784	423	1,207	1,253	1,480
(b) for orthodontic purposes ... ..	6	6	12	11	not available
(5) Fillings (ordinary)—					
(a) Permanent teeth ...	12,314	5,260	17,574	18,320	20,393
(b) Temporary teeth ...	3,142	527	3,669	3,185	2,842
(5A) Fillings for (orthodontic purposes)—					
(a) Permanent teeth ...	141	332	473	454	not available
(b) Temporary teeth ...	19	15	34	27	available
(6) Extractions (ordinary)					
(a) Permanent teeth—					
Without anaesthetic	12	2	14	8	8
With local anaesthetic	2,225	2,290	4,515	4,032	4,384
With general anaesthetic ... ..	213	337	550	551	829
(b) Temporary teeth—					
Without anaesthetic	5	2	7	17	10
With local anaesthetic	10,146	2,423	12,569	15,338	15,929
With general anaesthetic ... ..	636	285	921	943	1,279
(6A) Extractions (for orthodontic purposes)					
(a) Permanent teeth—					
Without anaesthetic	—	—	—	2	} not available
With local anaesthetic	23	41	64	87	
With general anaesthetic ... ..	—	—	—	6	
(b) Temporary teeth—					
Without anaesthetic	—	—	—	1	
With local anaesthetic	27	24	51	80	
With general anaesthetic ... ..	—	—	—	—	



	1961			1960	1959
	System- atic Exam- inations	Other* Cases	Totals	Totals	Totals
(7) Number of admini- strations of general anaesthetic for ex- tractions ... ..	142	100	242	258	362
(8) Other operations (or- dinary)—					
(a) Permanent teeth—					
scalings ... ..	922	281	1,203	1,278	1,349
Gum treatments ...	182	190	372	458	473
Silver nitrate dressings	458	245	703	423	273
Temporary fillings ...	2,002	1,424	3,426	3,983	4,285
Others ... ..	1,210	811	2,021	2,036	2,658
(b) Temporary teeth—					
Scalings ... ..	73	7	80	29	23
Gum treatments ...	87	38	125	71	88
Silver nitrate dressings	2,890	486	3,376	3,831	4,192
Temporary fillings ...	472	138	610	355	354
Others ... ..	864	118	982	906	1,330
(8A) Other operations (for orthodontic purposes)					
(a) Permanent teeth—					
Scalings ... ..	9	18	27	17	} Not avail- able
Gum treatments ...	2	3	5	1	
Silver nitrate dressings	—	1	1	4	
Temporary fillings ...	10	71	81	65	
Others ... ..	28	31	59	41	
(b) Temporary teeth—					
Scalings ... ..	—	—	—	—	
Gum treatments ...	3	—	3	—	
Silver nitrate dressings	5	6	11	12	
Temporary fillings ...	2	3	5	2	
Others ... ..	—	2	2	14	
(9) Half-days devoted to inspection ... ..	237	—	237	281	266
Half-days devoted to treatment ... ..	4,630	1,505	6,135	6,757	7,132
Half-days devoted to orthodontic treatment	Not available		506	559	551
Half-days devoted to general anaesthetic clinic ... ..	17	10	27	27	39
Half-days devoted to dentures, X-rays, etc.	Not available		155	169	175
(10) Number of children treated under private arrangements ...	Not known				
(11) Ratio of fillings to extractions perman- ent teeth only)—					
(a) ordinary ... ..	502 : 100	200 : 100	346 : 100	399 : 100	391 : 100
(b) for orthodontic pur- poses ... ..	613 : 100	810 : 100	739 : 100	478 : 100	Not available

\* Obtained from sources other than Routine Dental Inspection.

† Including cases brought forward from previous year.

*Treatment at Orthodontic Clinics*—190 cases were treated, 70 being completed; attendances totalled 3,663 and there was 1 attendance without treatment being given. Treatment included: appliances—first impression, 278; progress impression, 1,007; insertions—first, 141; subsequent, 669; total, 810. Adjustments numbered 2,587; and 111 other operations were performed.

*Other work*—Crowns, 8; artificial dentures, 185; repairs to dentures, 23; root treatments, 14 (including 7 septic); X-ray examinations, 145; gold inlays, 13; large incisal edge restorations, 18.

76 ante-natal cases were given treatment during school sessions.

#### AGE DISTRIBUTION OF "OTHER CASES" TREATED (ORDINARY)

Age in years ...	...	1	2	3	4	5	6	7	8
Number treated	...	—	29	83	174	185	210	241	275
Age in years ...	...	9	10	11	12	13	14	15	16 or over
Number treated	...	363	245	248	459	665	518	89	46

TOTAL 3,830

#### AGE DISTRIBUTION OF "OTHER CASES" TREATED (FOR ORTHODONTIC PURPOSES)

Age in years ...	...	...	...	7	8	9	10	11	12	13	14	15	16 and over
Number treated	...	...	...	1	2	5	6	5	6	11	11	6	—

TOTAL 53

# **APPENDIX Va.**—*DENTAL INSPECTION AND TREATMENT FOR HALF-YEAR ENDED 31st JULY, 1961*

In response to the request by the Department of Health for Scotland that the dental statistics should be supplied in a new form, the necessary re-organisation was effected. In the time available, however, it was only found possible to collect the information for the second half of the year but in more detail than the official form prescribed. These statistics are shown below and in the pages following.

## DENTAL INSPECTION

### *Age Distribution of Children at Routine Dental Inspection*

Age in years	4	5	6	7	8	9	10	11	12	13	14	15
Number seen	7	2,790	3,050	2,760	2,570	2,308	2,474	2,274	907	14	11	5
Total										...	19,170	

109 visits were paid to 40 schools and of the total number of children inspected, 15,475 (*80.7 per cent.*) were found to require treatment, 5,534 (*35.8 per cent.*) accepted treatment, 462 (*2.9 per cent.*) refused, etc. and 9,479 (*61.3 per cent.*) promised to obtain treatment privately.

## MISCELLANEOUS

### (a) *Half-days devoted to :—*

						Routine Dental Inspection	Other Cases	Total
Inspection	...	...	...	...	...	109	—	109
Treatment	...	...	...	...	...	2,081	711	2,792
General Anaesthetic Clinic			...	...	...	8	6	14
Orthodontic Clinic		...	...	...	...	Not known		245
Dentures, X-rays, etc.	...	...	...	...	...	30	50	80

### (b) *Ratio of fillings to extractions (permanent teeth only)*

Ordinary	...	...	...	...	...	547 : 100	200 : 100	357 : 100
Orthodontic purposes	...	...	...	...	...	571 : 100	664 : 100	604 : 100

### (c) *Cases seen at dental X-ray clinic :—*

Routine cases—34 summoned, 38 intra-oral exposures.

Orthodontic cases—9 summoned, 1 extra-oral and 15 intra-oral exposures.

# DENTAL TREATMENT

Age in Years	Types of Cases	ATTENDED		TREATED	TEMPORARY TEETH						PERMANENT TEETH						Chartings	Completed	OTHER WORK COMPLETED																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
		Summoned			Non-summoned		1st Tr.	Subs. Tr.	EXTRACTION		OTHER OPERATIONS		EXTRACTIONS		OTHER OPERATIONS				Full	Partial	Repair	Incisal Edge Restoration	Septic	Non-Septic																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
		Summoned	Not Summoned		Gen. Anaes- thetic	Local Anaesthetic			No Anaes- thetic	Permanent Fillings	Gum Tr.	Silver Nit.	Temp. Fills.	Scalings	Others	Gen. Anaes- thetic									Local Anaesthetic	No. Anaes- thetic	Fillings	Gum Tr.	Silver Nit.	Temp. Fills.	Scalings	Others																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
2	Others	7	8	1	14	—	—	2	—	—	1	1	3	1	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

DENTAL TREATMENT—Continued

Age in Years	Types of Cases	ATTENDED		TREATED	TEMPORARY TEETH						PERMANENT TEETH						Completed	Crowns	OTHER WORK COMPLETED																
		Summoneed		Subs. Tr.	EXTRACTIONS			OTHER OPERATIONS			EXTRACTIONS			OTHER OPERATIONS					Full	Partial	Repair	Incisal Edge Restoration	Septic	Non S. tic											
		Summoneed	Attended but not Treated		Gen. Anaes- thetic	Local Anesthetic	No Anaes- thetic	Permanent Fillings	Gum Tr.	Silver Nit.	Temp. Fills.	Scalings	Others	Charings																					
9	RD1	2,053	147	39	604	1,557	17	639	—	27	7	21	13	1	27	26	166	2	1,149	10	107	125	64	100	510	484	—	—	2/3	—	—	—	—		
	RD1	32	—	—	4	28	—	6	—	—	1	2	—	—	—	—	1	18	—	—	—	2	—	8	1	8	—	—	—	—	—	—			
	Ortho	376	87	10	150	303	18	200	—	6	—	2	3	—	—	18	42	—	185	4	26	30	9	30	14	85	—	—	2/1	1	—	2	—		
	Ortho	13	1	—	2	12	—	5	—	3	—	3	—	—	—	—	—	—	7	—	—	1	1	—	—	4	—	—	—	—	—	—	—		
	Total	2,474	235	49	760	1,900	35	850	—	36	8	28	16	1	27	44	209	2	1,359	14	133	158	74	138	525	581	—	—	4/4	1	—	2	—	—	
10	RD1	1,943	117	41	565	1,454	3	479	—	5	4	—	—	4	—	9	212	—	1,046	11	87	189	80	114	464	435	—	—	6/2	1	1	—	—	1	
	RD1	43	2	—	8	37	—	2	—	2	—	—	—	—	—	—	7	29	—	—	—	2	2	7	4	11	—	—	—	—	—	—	—	—	
	Ortho	291	65	12	101	243	9	60	—	—	—	2	—	—	—	5	131	—	161	2	7	38	6	18	13	57	—	—	1/3	—	—	—	—	1	
	Ortho	23	2	—	3	22	—	2	—	2	—	—	—	—	—	—	1	14	—	—	—	3	1	3	1	6	—	—	—	—	—	—	—	—	
	Total	2,300	186	53	677	1,756	12	543	—	9	4	2	—	—	4	14	351	—	1,250	13	94	232	89	142	482	509	—	—	1/5	7/5	1	1	—	1	1
11	RD1	1,776	96	37	508	1,327	12	58	—	—	1	—	—	—	—	31	443	—	1,052	16	19	149	68	117	410	364	—	—	6/5	2	5	1	1	2	
	RD1	24	1	1	2	22	—	2	—	2	—	—	1	—	—	—	5	—	11	2	—	2	4	2	2	7	—	—	—	—	—	—	—	—	—
	Ortho	259	85	4	125	215	1	1	—	—	—	—	—	—	—	21	147	—	149	3	3	34	5	34	21	55	—	—	4/1	1	—	—	—	—	
	Ortho	28	1	—	3	26	—	1	—	2	—	—	—	—	—	—	1	—	20	—	—	5	2	1	1	6	—	—	—	—	—	—	—	—	—
	Total	2,087	183	42	638	1,590	13	62	—	4	1	—	1	—	—	52	596	—	1,232	21	22	190	79	154	434	432	—	—	10/1	3	5	1	1	2	2
12	RD1	801	54	12	251	592	—	—	—	—	—	—	—	—	—	13	188	—	499	5	11	85	37	53	210	166	—	—	5/2	1	—	—	—	2	
	RD1	11	—	2	1	8	—	—	—	—	—	—	—	—	—	—	2	—	6	—	—	—	—	2	1	3	—	—	—	—	—	—	—	—	—
	Ortho	835	128	21	225	717	—	—	—	—	—	—	—	—	—	42	240	—	531	12	8	134	33	109	31	129	1	—	—	6/3	4	—	2	2	1
	Ortho	64	—	2	4	58	—	—	—	—	—	—	1	—	—	—	7	—	48	1	—	12	3	6	1	8	—	—	—	—	—	—	—	—	—
	Total	1,711	182	37	481	1,375	—	—	—	—	—	—	1	—	1	55	437	—	1,084	18	19	231	73	170	243	306	1	2/5	11/5	5	—	2	2	3	3
13	RD1	86	13	1	26	72	—	—	—	—	—	—	—	—	—	—	20	—	53	4	2	13	11	2	17	21	—	—	—	1/2	1	—	—	—	—
	RD1	3	—	—	—	3	—	—	—	—	—	—	—	—	—	—	—	—	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Ortho	1,008	174	56	314	812	—	—	—	—	—	—	—	—	—	76	287	—	563	29	4	184	35	110	46	147	—	—	—	16/4	6	3	1	1	1
	Ortho	47	—	—	8	39	—	2	—	—	—	—	1	—	—	—	7	—	32	—	—	2	4	6	2	9	—	—	—	—	—	—	—	—	—
	Total	1,144	187	57	348	926	—	2	—	—	—	—	1	—	—	76	314	—	651	33	6	199	50	118	65	177	—	—	—	16/6	7	3	1	1	1



# DENTAL TREATMENT—Continued

Age in Years	Types of Cases	ATTENDED		TREATED	TEMPORARY TEETH						PERMANENT TEETH						Charings	Completed	Crowds	OTHER WORK COMPLETED				
		Non-attended			Subs. Tr.	Gen. Anaes- thetic	Local Anaesthetic	No Anaes- thetic	Permanent Fillings	Gum Tr.	Silver Nitr.	Temp. Fills.	Scalings	Others	DENTURES					Rt Treats				
		Summomed	Attended but not Treated	Full											Partial	Incisal Edge Restoration	Septic	Non-Septic						
14	RD1	21	4	1	10	14	—	—	—	—	—	6	—	14	—	—	—	—	—	—	—	—		
	RD1	1	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	Ortho	907	193	27	308	765	—	—	—	—	—	1	—	589	22	—	168	20	89	42	134	—		
	Ortho	67	1	—	6	62	—	—	—	—	—	4	—	50	1	—	19	2	6	3	11	—		
	Total	996	198	28	325	841	—	—	—	—	—	46	298	—	653	23	—	193	22	96	50	147	—	
15	RD1	16	5	—	9	12	—	—	—	—	—	—	10	—	5	—	1	5	—	—	6	2	—	
	RD1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Ortho	178	22	3	45	152	—	—	—	—	—	4	48	—	113	2	—	19	14	19	8	41	—	
	Ortho	15	1	—	4	12	—	—	—	—	—	—	5	—	13	—	—	—	—	1	—	4	—	
	Total	209	28	3	58	76	—	—	—	—	—	4	63	—	131	2	1	24	14	20	14	47	—	
16+	RD1	1	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	
	RD1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Ortho	52	28	6	35	39	—	—	—	—	—	—	22	—	31	—	—	7	2	5	2	28	—	
	Ortho	—	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	
	Total	53	29	6	38	40	—	—	—	—	—	—	22	—	31	—	—	8	3	5	2	28	—	
All Ages	RD1	13,636	998	289	4,427	9,918	333	4,432	—	1,479	55	979	272	59	377	6	5,566	59	342	734	384	546	3,559	—
	RD1	151	3	4	19	131	—	14	—	6	1	4	2	—	—	18	—	92	2	—	10	8	20	—
	Ortho	4,782	1,178	167	1,857	3,936	128	996	—	193	14	173	64	6	55	217	1,242	—	2,535	78	49	652	138	452
	Ortho	263	8	2	32	237	—	12	—	8	—	3	2	—	1	—	28	—	186	2	—	43	14	23
	Total	18,832	2,187	462	8,335	14,222	461	5,454	—	1,868	70	1,159	340	65	433	317	2,484	0	8,379	141	391	1,439	544	1,041





**APPENDIX VI.—SUMMARY OF MEDICAL INSPECTION AND TREATMENT STATISTICS** (of which details are given throughout Report) showing comparison with Statistics for previous two years.

A. INSPECTION.

Type.	Cases 1961	Cases 1960	Cases 1959
Systematic Examinations ( <i>page 36</i> ) ... ..	54,200	53,310	50,545
Systematic Examinations— Special Schools ( <i>page 36</i> ) ... ..	977	954	937
Other Examinations in Schools ( <i>page 37</i> ) ...	79,826	83,650	82,858
Other Examinations mainly in Clinics ( <i>page 37</i> )	39,455	34,805	34,687
Cleanliness Examinations ( <i>page 37</i> ) ... ..	163,400	159,332	150,630
Dental Inspections ( <i>page 63</i> ) ... ..	41,365	49,954	49,492
Totals ... ..	379,223	381,996	369,149

# B. TREATMENT.

Disease or Defect.	Cases			Attendances		
	1961	1960	1959	1961	1960	1959
<i>(a) MINOR AILMENTS—</i>						
EAR—						
Examined only ...	780	1,085	913	} 23,539	25,578	26,994
Clinic Treatment ...	2,165	2,063	2,147			
Aurists' Examinations	1,482	973	771	1,482	973	771
Aurists' Classifications	90	62	47	90	62	47
Audiometric Survey	1,639	1,393	1,755	1,658	1,415	1,786
<i>(pages 18 and 19)</i>	6,156	5,576	5,633	26,769	28,028	29,598
<hr/>						
EYE ... .. <i>(page 20)</i>	1,993	1,962	2,108	13,943	15,136	16,541
<hr/>						
SKIN—						
Cuts, minor injuries, etc.	3,702	3,914	3,833	} 136,036	140,643	129,094
Clinic Treatment ...	13,962	14,079	13,012			
Cleansing Clinics ...	351	327	246	681	660	452
Ringworm—Head ...	1	—	—	1	—	—
Body ...	26	34	61	<i>Included under " Clinic Treatment " above</i>		
Scabies Baths ...	*(1,955)	*(2,068)	*(1,908)	7,757	8,008	8,314
<i>(page 20)</i>	18,042	18,354	17,152	144,475	149,311	137,860
<hr/>						
<i>(b) DEFECTIVE VISION</i>						
Clinic Treatment ...	7,865	6,672	7,684	9,146	7,548	8,535
Spectacles supplied ..	4 731	4,255	4,889	6,741	6,561	7,041
<i>(page 21)</i>	12,596	10,927	12,573	15,887	14,109	15,576

\* Cases are included under " clinic treatment " but attendances are shown separately.

Disease or Defect.	Cases			Attendances		
	1961	1960	1959	1961	1960	1959
(c) <i>EAR, NOSE AND THROAT—</i>						
Aurists' Examinations	746	968	1,311	787	1,000	1,387
Tonsils and Adenoids						
Operations ... ..	908	810	1,183	2,661	2,724	3,990
Other Operations ...	85	79	69	85	79	69
(page 22)	1,739	1,857	2,563	3,533	3,803	5,446
(d) <i>ORTHOPAEDIC—</i>						
Examined only ...	1,213	1,261	1,422	1,213	1,261	1,428
Treated by Exercises	1,049	1,013	1,017	18,073	17,419	16,664
Treated in Spastic Unit	43	37	32	3,638	2,832	3,597
(page 25)	2,305	2,311	2,477	22,924	21,512	21,689
(e) <i>OTHER DISEASES—</i>						
General ... ..	7,239	7,007	6,536	24,995	24,045	22,462
Supply of Medicines	1,380	1,877	1,629	14,209	16,123	16,421
Artificial Light ...	941	1,148	946	12,727	16,167	14,456
Cardiac Cases ...	150	140	111	321	314	284
(page 27)	9,710	10,172	9,222	52,252	56,649	53,623
(f) <i>DENTAL—</i>						
Ordinary ... ..	14,157	15,160	* 16,328	45,315	48,250	*51,757
Orthodontic ... ..	273	*342	277	4,370	*4,840	3,994
(page 63)	14,430	15,502	16,605	49,685	53,090	55,751
(g) <i>REMAND HOME</i> ... (page 81)	379	324	263	379	324	263
(h) <i>DEFECTIVE SPEECH</i> ... (page 81)	1,754	1,611	1,113	18,671	14,067	15,913
(i) <i>OCCUPATIONAL THERAPY</i> ... (page 26)	—	32	27	—	1,015	1,263
TOTALS ... ..	69,104	68,628	69,736	348,518	357,044	353,523

\* Includes cases dealt with at ordinary clinics for orthodontic purposes.

## APPENDIX VII.—NURSERY SCHOOLS AND DAY NURSERIES

See Report for 1959, page 95.

At the end of July, 1961, the Education Department was responsible for the administration of 45 Nursery Schools and Classes having places for 1,886 children and of Southannan Residential Nursery School, Fairlie and Dunclutha Nursery School, Kirn, where 36 and 24 children respectively were accommodated. On the same date, the Health and Welfare Department had under its management 16 Day Nurseries with approximately 730 places and one 24-hour Day Nursery for 40 children whose mothers worked on nightshifts.

During the year ended 31st July, 1961, children in the nursery schools to the number of 1,143 (566 boys and 577 girls) were subjected to "routine inspection." 2,352 were medically examined at the request of teachers, and 91 were re-inspected. The results of these examinations are detailed below.

### ROUTINE INSPECTION.

(i) *Numbers and Percentages of Children Suffering from Defects*  
(see Table II, page 42 for full details of headings).

Nature of defects found	1961			1960	1959
	Eoys	Girls	Totals	Totals	Totals
Unsatisfactory clothing ...	1	—	1 (0.1%)	2 (0.2%)	2 (0.2%)
Uncleanliness of head (nits) ...	8	23	31 (2.7%)	25 (2.1%)	37 (3.5%)
Skin conditions of head or body ...	33	22	55 (4.8%)	55 (4.7%)	64 (6.1%)
Defective nutrition ...	7	11	18 (1.6%)	13 (1.1%)	22 (2.1%)
Mouth and teeth unhealthy ...	2	1	3 (0.2%)	4 (0.3%)	10 (0.9%)
Naso-pharyngeal conditions ...	107	95	202 (17.7%)	168 (14.2%)	197 (18.6%)
Eye diseases (including strabismus)	18	33	51 (4.5%)	61 (5.1%)	49 (4.6%)
Defective vision (for refraction)	3	3	6 (0.5%)	13 (1.1%)	9 (0.9%)
Ear disease (including defective hearing) ...	4	5	9 (0.8%)	3 (0.2%)	4 (0.4%)
Defective speech ...	9	8	17 (1.5%)	18 (1.5%)	9 (0.9%)
Mental and nervous conditions ...	5	2	17 (1.5%)	7 (0.6%)	4 (0.4%)
Defects of circulatory system ...	15	8	23 (2.0%)	17 (1.4%)	19 (1.8%)
Pulmonary conditions ...	48	40	88 (7.6%)	86 (7.3%)	88 (8.3%)
Deformities ...	17	20	37 (3.2%)	35 (3.0%)	38 (3.6%)
Other diseases or defects ...	16	16	32 (2.7%)	28 (2.4%)	27 (2.6%)

(ii) *Classification of Children according to Remediability of Major Defects Found in the Individual Child (see Table III, page 56, for full details of headings)*

Classification	1961			1960	1959
	Boys	Girls	Totals	Totals	Totals
Free from defects ... ..	332	362	694 (60.7%)	774 (65.5%)	627 (59.3%)
Defects of vision or oral sepsis ...	4	3	7 (0.6%)	6 (0.5%)	7 (0.7%)
Temporary ailments ... ..	139	135	274 (24.0%)	66 (22.5%)	283 (26.8%)
"Curable" defects ... ..	62	56	118 (10.3%)	90 (7.6%)	95 (9.0%)
"Improvable" defects ... ..	26	21	47 (4.1%)	43 (3.6%)	44 (4.2%)
Defects "not improvable" ...	3	—	3 (0.3%)	3 (0.3%)	—
Totals ... ..	566	577	1,143	1,182	1,056

(iii) *Additional Information*

Parents were notified of defects found in 370 instances, 73 (6.4 *per cent.*) of these being due to clothing, cleanliness, or minor dental defects, 297 (26.0 *per cent.*) being in respect of other defects. School Medical Officers also noted 63 cases (5.5 *per cent.*) for re-inspection as a result of defects observed in clothing or cleanliness, or for minor dental defects, and 426 children (37.3 *per cent.*) having other defects. "Sound teeth" was recorded in 923 cases (88.7 *per cent.*), 894 pupils (78.2 *per cent.*) were recorded as having had complete diphtheria immunisation and 648 (56.7 *per cent.*) as having been successfully vaccinated or re-vaccinated against smallpox.

#### INSPECTION OF NON-ROUTINE CASES

Children to the number of 2,352 were presented for inspection on account of defects observed or suspected by teachers. The individual results were as follows :—

Head infestation, 13 ; skin conditions, 204 ; eye conditions, 528 ; ear, nose and throat defects, 183 ; "general" defects, 971 ; defective teeth, 17 ; no apparent disease, 312 ; and other causes, 124.

#### RE-INSPECTION OF "ABNORMAL" CASES

338 pupils were re-inspected during the Session.



**APPENDIX VIII.—PREVENTION OF TUBERCULOSIS**

See Report for 1959, pages 97 to 101.

*B.C.G. Vaccination*

The annual campaign in schools was conducted in November and December, 1960, and the results are given below with relative figures for the two previous years.

		1960	1959	1958
Total schools visited ...	...	121	116	118
Total forms issued ...	...	18,704	16,572	14,256
Parental consents granted ...	...	17,830	15,378	11,624
Total absent ...	...	937	686	441
Total number tested ...	...	16,893	14,692	11,183

MANTOUX RESULTS

		1960			1959	1958
		Boys	Girls	Total	Total	Total
Positive ...	...	1,669	1,587	3,256	3,074	2,762
Negative	...	6,676	6,961	13,637	11,618	8,421

VACCINATIONS

	1960			1959	1958
	Boys	Girls	Total	Total	Total
	6,655	6,943	13,598	11,582	8,364

In addition to the foregoing, a pilot survey was undertaken to ascertain if B.C.G. vaccination at an earlier age than the customary 13 years would be advantageous. A random sample of children aged 5 and 9 years when tested gave the following results :—

		Positive	Negative	Total
5 year-olds ...	...	131	404	535
9 year-olds ...	...	132	669	801

*Mass Radiography*

The School Health Service continued to arrange with the Mass Radiography Centre at Elmbank Street for the X-raying of pupils attending Glasgow schools.

Pupils to the number of 2,984 (1,509 boys and 1,475 girls) found to be positive reactors in the campaign were examined during the year ending 31st July, 1961. During the same period 1,315 children (627

boys and 688 girls), Mantoux Positives for the year ending 31st July, 1960, were re-examined. Details of the abnormalities found and particulars of the action taken are shown in the following tables.

Of the 2,984 children X-rayed for the first time, 7 boys (*4.66 per thousand*) and 6 girls (*4.05 per thousand*), a total of 13 children (*4.34 per thousand*) were found to have adult type pulmonary tuberculosis. These rates compared favourably with those found in the preceding twelve months (*boys 6.2 per thousand, girls 8.2 per thousand*).

Of the 627 boys and 688 girls re-X-rayed, 2 boys (*3.19 per thousand*) and one girl (*1.45 per thousand*) were found to have active pulmonary tuberculosis. The incidence of previously diagnosed cases of pulmonary tuberculosis in this group (*34.97 per thousand*) was appreciably higher than in children X-rayed for the first time (*5.36 per thousand*), the difference being largely accounted for by the 72 cases (*24.12 per thousand*) with inactive tuberculosis detected in the primary examination group.

### Teachers' Sick Pay Regulations

During the year ended 31st July, 1961, teachers to the number of 4,868 (1,974 males and 2,894 females), were X-rayed.

The numbers recalled for large film were 24 men and 24 women, the diagnoses being as shown :—

	Males	Females
Active Pulmonary Tuberculosis ... ..	1	2
Inactive Pulmonary Tuberculosis (including calcified or fibrotic conditions) ... ..	12	12
Inactive Pulmonary Tuberculosis (pleural thickening) ... ..	1	3
Cardiac Hypertrophy ... ..	—	1
No apparent defect ... ..	10	6
Totals ... ..	24	24

Since the Teachers' Sick Pay Scheme was inaugurated, 102 teachers had been found to be suffering from active Pulmonary Tuberculosis, and 6 of these were still off duty. The remainder had resumed normal teaching duties.

MANTOUX REACTORS FOR YEAR ENDING 31st JULY, 1961  
ABNORMALITIES FOUND AND ACTION TAKEN BY MASS RADIOGRAPHY UNIT

	No action after investigation		Referred to own doctor		Treatment at home		Out patient treatment		Observation		Sent to Hospital		Defaulted at Chest Clinic		Total Number Examined (and rate per thousand)		
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Total
<b>PULMONARY TUBERCULOSIS—</b>																	
Active ... ..	—	—	—	—	—	1	—	—	—	5	2	2	—	—	2	3	5 (1.67)
? Active ... ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5	2 (1.35)	7 (2.34)
Tuberculous Pleurisy ... ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1 (0.33)
Healed Primary ... ..	385	411	2	—	—	—	—	—	—	23	—	—	—	—	410 (273.57)	432 (292.88)	842 (282.17)
Inactive ... ..	13	6	5	6	1	1	1	—	17	—	—	—	—	—	37 (24.68)	35 (23.72)	72 (24.12)
Known cases ... ..	1	3	3	5	—	—	—	—	—	—	—	—	—	—	4 (2.66)	12 (8.13)	16 (5.36)
<b>OTHER PULMONARY ABNORMALITIES—</b>																	
Bacterial and virus infections of lungs	1	—	—	—	—	—	—	—	3	—	—	—	—	—	4	—	4 (1.34)
Bronchiectasis ... ..	—	—	—	—	—	—	—	—	—	1	—	—	—	—	1	—	1 (0.33)
Pulmonary fibrosis ... ..	1	—	—	—	—	—	—	—	7	—	—	—	—	—	8	2 (1.35)	10 (3.35)
Pleural thickening ... ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1 (0.33)
Miscellaneous ... ..	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	1 (0.67)	1 (0.33)
<b>CARDIAC ABNORMALITIES—</b>																	
Congenital heart conditions ... ..	—	—	—	1	—	—	—	—	—	—	—	—	—	—	1	1	1 (0.33)
Acquired heart conditions ... ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1 (0.33)
Totals ... ..	401	420	11	19	1	2	1	—	56	45	2	3	1	—	473 (315.54)	489 (331.52)	962 (322.38)

RE-X-RAYED MANTOUX REACTORS X-RAYED A YEAR PRIEVIOUSLY  
ABNORMALITIES FOUND AND ACTION TAKEN BY MASS RADIOGRAPHY UNIT

	No action after investigation		Referred to own doctor		Treatment at home		Out patient treatment		Observation		Sent to Hospital		Defaulted at Chest Clinic		Total Number Examined (and rate per thousand)	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Totals
<b>PULMONARY TUBERCULOSIS—</b>																
Active	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
? Active	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Healed primary	166	201	6	4	—	—	—	—	2	3	—	—	—	—	2	3
Known cases	6	11	9	13	—	—	—	—	5	4	—	—	—	—	177	385
									3						18	46
<b>OTHER PULMONARY ABNORMALITIES</b>																
Pulmonary fibrosis	—	—	—	—	—	—	—	—	3	—	—	—	—	—	3	3
Pleural thickening	—	—	—	—	—	—	—	—	1	—	—	—	—	—	1	1
<b>CARDIAC ABNORMALITIES—</b>																
Congenital heart condition	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—
Acquired heart condition	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—
Totals	172	212	15	19	—	—	—	—	14	8	—	—	—	—	201	440
															(320.57)	(334.66)

## APPENDIX IX.—MEDICAL SUPERVISION OF REMAND HOME

See Report for 1959, page 101.

During the year ended 31st July, 1961, 2,221 boys were admitted to the Home and during the same period there were 5,375 medical examinations. Children found to be suffering from various ailments were, on the advice of the visiting School Medical Officer, disposed of as follows :—

Treated in the Home, 332 ; treated at clinic, 35 ; X-rayed, 3 ; removed to hospital, 9.

## APPENDIX X.—DIPHTHERIA IMMUNISATION CAMPAIGN

See Report for 1959, page 102.

In the Table below, details are provided showing (i) the numbers of injections administered in schools (as compiled from the returns of School Medical Officers) during the period of the “ drive ” and (ii) the numbers recorded at the regular clinics during the year ending 31st July, 1961.

	At Schools.			At Clinics		
	Under 5 years.	Over 5 years.	Totals.	Under 5 years.	Over 5 years.	Totals.
1st Injections ...	109	9,507	9,616	9,567	50	9,617
2nd Injections ...	115	8,770	8,885	Not available		
3rd Injections ...	63	7,898	7,961	7,947	97	8,044
Re-inforcing Doses ...	26	20,885	20,911	128	218	346
Totals ...	313	47,060	47,373	Not available		

## APPENDIX XI.—SPEECH THERAPY

See Report for 1959, page 103.

The Tables on the following pages give summarised information regarding the work of the speech therapists during the year ended

31st July, 1961, showing separately the details in respect of children : (i) in schools for the physically handicapped, (ii) in schools for the mentally handicapped, (iii) attending ordinary schools and treated from Child Guidance Centres, and (iv) attending ordinary schools but treated in Florence Street and Stuart Laidlaw Clinics.

Pre-school children to the number of 196 were also dealt with, 32 of these being seen at Florence Street or Stuart Laidlaw school clinics. In 105 cases advice only was given and the remainder received a total of 992 treatments. Home visits numbered 8 and 25 cases were discharged as satisfactory or improved.

Information regarding the cases treated in the Spastic Unit is given on page 27.



F 1 (i) CASES OF SPEECH DEFECT TREATED IN SCHOOLS AND CLASSES FOR THE PHYSICALLY HANDICAPPED DURING THE YEAR ENDED 31st JULY, 1961.

Details of Cases	Advice only	Cases Treated		Number of Treatments		DISCHARGED								Cases Remaining on Treatment	
						Satisfactory		Improved		Unsatisfactory		Failed to Co-operate		Transferred	
		Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
Stutter ... ..	—	5	1	66	23	—	—	—	—	—	—	1	—	2	1
Dyslalia—															
Multiple	—	10	1	166	16	6	—	2	—	—	—	—	—	1	1
Simple	—	4	3	49	39	3	1	1	—	1	—	—	—	—	1
Idioglossia	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Delayed Speech	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cleft Palate	—	2	3	62	43	—	—	—	—	1	—	—	1	2	1
Dysphonia	—	—	1	—	18	—	—	—	1	—	—	—	—	—	—
Dysphasia	—	1	—	19	—	—	—	—	—	—	—	—	—	1	—
Dysarthria	—	9	2	125	55	1	—	—	—	—	—	—	—	7	2
Dyseneia ... ..	—	3	—	42	—	—	—	—	—	—	—	—	—	3	—
Totals ... ..	—	34	11	529	194	10	1	3	1	—	2	1	—	16	6
			45		723										

Home visits—27

(ii) CASES OF SPEECH DEFECT TREATED IN SCHOOLS AND CLASSES FOR THE MENTALLY HANDICAPPED DURING THE YEAR ENDED  
31st JULY, 1961.

Details of Cases	Advice only	DISCHARGE D														Cases Remaining on Treatment				
		Cases Treated		Number of Treatments		Suspended		Satisfactory		Improved		Unsatisfactory		Failed to Co-operate				Transferred		
		Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls			
Stutter ...	2	31	12	683	280	6	2	4	4	—	1	—	—	—	1	—	4	3	16	2
Dyslalia—																				
Multiple ...	2	63	30	1,232	524	11	4	10	3	—	4	—	—	—	—	—	12	5	30	14
Simple ...	—	10	4	127	56	—	—	5	2	—	2	—	—	—	—	—	3	—	2	—
Idioglossia	—	2	—	61	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	—
Delayed Speech ...	—	15	5	285	55	3	—	—	—	—	—	—	—	—	—	—	—	1	12	4
Cleft Palate	—	3	2	26	25	—	—	—	—	2	—	—	—	—	—	—	1	1	—	1
Dysphonia ...	—	3	1	73	5	2	—	1	—	—	—	—	—	—	—	—	—	1	—	—
Dysphasia ...	—	4	3	119	25	—	2	—	—	—	—	—	—	—	—	—	—	1	4	—
Dysarthria ...	—	5	2	121	48	—	—	—	—	—	—	—	—	—	—	—	—	—	5	2
Dyseneia ...	—	2	1	37	26	—	—	—	1	—	—	—	—	—	1	—	—	—	1	—
Totals ...	4	138	60	2,764	1,044	22	8	16	10	2	7	—	—	—	2	—	20	12	72	23
		198		3,808																

Home visits—41.

(iii) CASES OF SPEECH DEFECT (PUPILS IN ORDINARY SCHOOLS) TREATED FROM CHILD GUIDANCE CENTRES  
DURING YEAR ENDED 31ST JULY, 1961

Details of Cases	Advice only	Cases Treated		Number of Treatments		DISCHARGED												Cases Remaining on Treatment	
		Boys	Girls	Boys	Girls	Suspended		Satisfactory		Improved		Unsatisfactory		Failed to Co-operate		Transferred		Boys	Girls
						Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls		
Stutter ...	41	122	30	1,893	412	7	1	21	8	5	4	11	—	5	3	8	2	65	12
Dyslalia—																			
Multiple ...	97	254	129	4,580	1,845	2	6	106	45	19	11	1	—	8	4	11	6	107	57
Simple ...	25	142	35	429	369	—	—	131	20	2	2	—	—	5	2	2	1	2	10
Idioglossia	7	69	10	371	103	—	—	61	6	—	—	—	—	4	—	—	—	4	4
Delayed																			
Speech ...	21	75	11	404	112	—	1	53	3	2	—	—	—	1	1	3	1	16	5
Cleft Palate	—	4	6	25	104	—	—	1	1	—	1	—	1	—	—	—	—	3	3
Dysphonia ...	3	13	6	221	68	—	—	4	1	2	1	—	—	—	—	1	1	6	3
Dysphasia ...	—	2	1	23	4	1	—	—	1	—	—	—	—	—	—	1	—	—	—
Dysarthria ...	—	5	—	102	—	—	—	1	—	—	—	—	—	—	—	1	—	3	—
Dysencia ...	—	4	2	48	27	—	—	1	—	3	2	—	—	—	—	—	—	—	—
Totals ...	194	690	230	8,096	3,044	10	8	379	85	33	21	12	1	23	10	27	11	206	94
		920		11,140															

Home visits—97; school visits—220.

(iv) CASES OF SPEECH DEFECT (PUPILS IN ORDINARY SCHOOLS) TREATED IN FLORENCE STREET AND  
STUART LAIDLAW CLINICS DURING YEAR ENDED 31ST JULY, 1961.

Details of cases	Advice only	Cases Treated		Number of Treatments		DISCHARGED								Cases Remaining on Treatment	
						Satisfactory		Improved		Unsatisfactory		Failed to Co-operate		Transferred	
		Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
Stutter ... ..	6	29	4	403	48	4	1	3	—	1	—	5	—	3	1
Dyslalia—															
Multiple	22	27	21	447	320	10	5	4	3	—	1	1	2	3	—
Simple	23	8	2	162	26	7	—	—	2	—	—	—	—	1	—
Idioglossia	—	4	3	122	45	3	—	—	—	—	—	—	—	—	1
Delayed Speech	22	7	3	195	29	5	—	—	1	—	—	—	—	—	—
Cleft Palate	—	2	1	35	25	—	—	—	—	—	—	—	—	2	1
Dysphonia	—	6	2	57	8	3	—	—	1	1	—	1	—	1	1
Dysphasia	—	—	2	—	20	—	—	—	—	—	—	—	—	—	2
Dysarthria	—	2	—	46	—	—	—	1	—	—	—	—	—	1	—
Dysnesia ... ..	—	—	1	—	20	—	—	—	—	—	—	—	—	—	1
Totals ... ..	73	85	39	1,467	541	32	6	8	7	2	1	7	2	29	20
		124		2,008											

Home visits—22 ; school visits—12.

## APPENDIX XII.—AUDIOMETRIC SURVEY

See Report, for 1959, page 107.

The scheme functioned broadly on the same lines as before. One major change was the lowering of the age of the Survey children to seven years and it was proposed to lower the age still further in the ensuing Session. The aim was the detection of hearing loss as early as possible, in order that medical and educational advice would be of greatest benefit to the child.

Staffing changes during the year affected the programme of work to some extent but, pending replacement of audiometricians, two school nurses were trained and employed part-time with success.

In the XIIth Survey there was a rise in the number of children listed as "failed in sweep test" and this was due mainly to the personnel changes. A levelling out could be expected with experience and the passage of time.

Co-operation with other services continued satisfactorily and the speech therapy unit also made a useful contribution.

A summary of the work done, in connection with Survey No. XII throughout the year is as follows :—

### SURVEY NO. XII (CHILDREN BORN IN 1953)

	Routine	Non-routine	Total
No. "sweep" tested in schools ... ..	15,664	205	15,869
No. failed in "sweep" test ... ..	1,675	107	1,782
No. examined by School Medical Officer ...	Routine + Non-routine		1,310
No. recommended for Threshold test by School Medical Officer ... ..	Routine + Non-routine		1,310
No. Threshold tested ... ..	649	44	693
No. awaiting Threshold test ... ..	Routine + Non-routine		222
No. awaiting treatment before having Threshold test (including 209 for tonsils and adenoids operation) ... ..	Routine + Non-routine		306
No. did not attend for Threshold test ...	Routine + Non-routine		89
No. retested ... ..	24	—	24
No. of Schools visited ... ..	—	—	229

Of the 693 given the pure-tone test at the Audiometric Clinic, 77 (47 boys and 30 girls) were referred to the Consulting Aurist, 202 (91 boys and 111 girls) were recorded as Grade I, and 205 (104 boys and 101 girls) were considered to have normal hearing ; the remainder were, at the end of the school year, awaiting retest (169) or grading (40). The Consultant, in the same period, classified 3 (2 boys and 1 girl) of the cases referred, as Grade I.

Brought forward from Session 1960 were 16 children of Survey X who were dealt with as follows :—

7 (3 boys and 4 girls) were referred to the Consulting Aurist, 8 (6 boys and 2 girls) were classified as Grade I and 1 boy as Normal. Of the remaining 15 at the end of the year 1961, 13 were awaiting retesting or results of tests, and 2 had repeatedly failed to attend. In the same period, the Consultant classified 29 cases, 24 (15 boys and 9 girls) as Grade I, 2 (1 boy and 1 girl) as I/IIA, and 3 (2 boys and 1 girl) as IIA.

Also brought forward from Session 1960 were 363 children from Survey XI with the following results :—

54 (29 boys and 25 girls) were referred to the Consulting Aurist, 109 (61 boys and 48 girls) were classified as Grade I and 69 (37 boys and 32 girls) as Normal. Of the remaining 131, 5 were awaiting pure-tone test, 94 (including 44 for T. and A. operation) were awaiting retest and 32 failed to attend. The Consultant classified 45 (26 boys and 19 girls) as Grade I, 6 (2 boys and 4 girls) as I/IIA, and 2 (girls) as IIA.

## MEDICAL EXAMINATION RESULTS

The table on page 90 shows the number of children summoned to clinic during the year for examination, the numbers who attended and a summary of the recommendations.

## TREATMENT

The results of some of the special forms of treatment and investigation are given below.

*Ear, Nose and Throat Operations.* Over the period, 69 children (42 boys and 27 girls) had tonsils and/or adenoids removed in one or other of the hospitals.



*Audiograms.* Audiograms totalling 239 (in respect of 124 boys and 115 girls) were completed during the Session at Florence Street Audiometric Clinic.

*Hearing Aids.* Children to the number of 21 (12 boys and 9 girls) were referred during the year to the Hearing Aid Clinic and 19 (11 boys and 8 girls) were supplied with instruments.

DISPOSAL

In the course of the Session a number of cases were passed to the Education Department (Special Schools Section) for disposal in respect of their educational needs, most of them having been graded according to the degree of hearing loss. These cases are listed in the following Table under the various Audiometric Surveys.

	Survey Number.							Total
	VI	VII	VIII	IX	X	XI	XII	
Reason for disposal—								
Graded according to degree of hearing loss ... ..	1	5	10	12	53	163	11	255
Parent intimated private ... treatment being obtained	—	—	—	1	5	6	1	13
Over school age—referred to E.N. and T. Hospital ...	—	—	—	—	—	1	—	1
Transferred to other local authorities, institutions, etc.	—	—	—	—	—	—	—	—



# APPENDIX XIII.—MORTALITY OF SCHOOL CHILDREN.

*Deaths During Year ended 31st July, 1961,  
of Children Aged 5-15 Years.*

Cause of Death	5-10 years		10-15 years		All Ages		1961	1960	1959
	Boys	Girls	Boys	Girls	Boys	Girls	Totals	Totals	Totals
Tuberculosis—									
Respiratory ...	—	—	—	—	—	—	—	—	—
Meningeal ...	—	—	—	—	—	—	—	—	1
Abdominal ...	—	—	—	—	—	—	—	—	—
Others ...	—	—	—	—	—	—	—	1	—
Infectious Diseases—									
Diphtheria ...	—	—	—	—	—	—	—	—	—
Acute Poliomyelitis	—	—	—	—	—	—	—	—	—
Measles ...	—	—	—	—	—	—	—	—	1
Dysentery ...	—	—	—	1	—	1	1	1	—
Chickenpox ...	—	—	—	—	—	—	—	—	—
Others ...	1	2	—	—	1	2	3	—	1
Mental and Nervous Diseases—									
Epilepsy ...	—	—	—	1	—	1	1	1	2
Cerebral Diplegia ...	—	—	—	—	—	—	—	—	1
Meningitis (non- Meningococcal) ...	—	—	—	—	—	—	—	—	—
Others ...	3	—	—	2	3	2	5	6	10
Circulatory Diseases—									
Rheumatic Fever ...	—	—	—	—	—	—	—	3	—
Chronic Rheumatic Heart Disease ...	—	—	—	1	—	1	1	—	1
Other Heart Diseases	—	—	—	—	—	—	—	3	—
Other Circulatory Diseases ...	—	—	—	—	—	—	—	—	1
Respiratory Diseases—									
Influenza ...	—	—	—	—	—	—	—	—	—
Pneumonia ...	—	1	—	—	—	1	1	2	4
Bronchitis ...	1	—	—	1	1	1	2	—	2
Others ...	—	—	—	—	—	—	—	2	1
Digestive Diseases—									
Enteritis and Colitis	—	1	—	—	—	1	1	—	—
Appendicitis ...	—	1	—	—	—	1	1	2	1
Others ...	1	1	—	—	1	1	2	1	3
Violence—									
Road Traffic Acci- dents ...	7	1	4	1	11	2	13	15	15
Other Violent Causes	8	5	6	2	14	7	21	18	17
Other Diseases—									
Malignant Neoplasms	2	1	1	—	3	1	4	11	8
Benign and Unspeci- fied Neoplasms ...	—	—	—	—	—	—	—	1	4
Diabetes Mellitus ...	—	—	—	—	—	—	—	—	—
Anaemias ...	—	—	—	—	—	—	—	—	—
Congenital Malfor- mations ...	4	2	2	4	6	6	12	6	5
Nephritis and Neph- rosis ...	1	1	—	—	1	1	2	—	4
All Other Causes ...	1	—	3	1	4	1	5	6	3
Totals ...	29	16	16	14	45	30	75	79	85

# APPENDIX XIV.—SOCIAL GROUP AND MEDICAL REMEDIABILITY CLASS.

By analysing the information obtained at systematic medical inspection it is possible to show the comparative health conditions of children belonging to each of the so-called Social Groups. In the following table, therefore, the occupations of the parents have been arranged in five groups and related to the medical remediability classifications of Table III.

*Numbers and Percentages of Children in Ordinary Schools Placed in Various Medical ("Remediability") Classes Arranged According to Social Group of Parent.*

Social Group of Parent	1		2		3		4		5		Totals	
	Professional		Clerical		Skilled		Semi-Skilled		Labouring			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
I Children free from defects (other than clothing, cleanliness or minor dental defects)	756	74.0	5,682	73.9	12,619	68.8	10,653	65.8	6,747	61.6	36,457	67.3
II Children suffering only from slightly defective vision and/or oral sepsis	50	4.9	339	4.4	923	5.0	857	5.3	679	6.2	2,848	5.2
III Children suffering from temporary defects (other than in II)	100	9.8	827	10.7	2,443	13.3	2,308	14.2	1,758	16.1	7,436	13.7
IV Children suffering from curable or improvable defects	114	11.2	836	10.9	2,338	12.8	2,348	14.5	1,739	15.9	7,375	13.6
V Children suffering from defects not considered improvable	1	0.1	9	0.1	21	0.1	28	0.2	25	0.2	84	0.2
Total Numbers of Children Examined	1,621	100.0	7,693	100.0	18,344	100.0	16,194	100.0	10,948	100.0	54,200	100.0

Perusal of the statistics in the table reveals the following :—

- (1) The percentage of children free from defects (Class I) was greatest for Social Group 1 (Professional) and diminished progressively for each of the remaining groups.
- (2) Percentages in Classes II, III and IV increased more or less consistently from Social Group 1 to 5.



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